

KING STREET

SIDEWALK

PROPERTY LINE

PROPERTY LINE

240.05'

ONE STORY BUILDING

TERRACE

SIDEWALK

PARKING


PARKING

PROPERTY LINE

SIDEWALK

240.05'

30th AVENUE SOUTH

N  SITE PLAN  
1/16" = 1'-0"

NOTE: IF DRAWING SHEET IS NOT 24" X 36" THEN DRAWING IS NOT TO SCALE.

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## BUILDING DEPT. NOTES

CONSTRUCTION:	TYPE 5, 1 HR
ZONING:	RS 5000
STRUCTURAL:	EXISTING BUILDING W/ MINOR STRUCTURAL REMODELING AS SHOWN
FIRE ZONE:	3
BLDG. AREA:	11,998 SQ. FT.
LOT AREA:	57,700 SQ. FT.
LOT COVERAGE:	9,368 SQ. FT.
BLDG. CUBAGE:	119,040 CU. FT.
OCCUPANCY:	A-3 DINING ROOM: $\frac{2,224 \text{ SQ. FT.}}{15 \text{ SQ. FT./PERSON}} = 148 \text{ PEOPLE}$
	A-3 SOLARIUM: $\frac{700 \text{ SQ. FT.}}{15 \text{ SQ. FT./PERSON}} = 47 \text{ PEOPLE}$
	B LIBRARY: $\frac{478 \text{ SQ. FT.}}{50 \text{ SQ. FT./PERSON}} = 10 \text{ PEOPLE}$
	B KITCHEN: $\frac{421 \text{ SQ. FT.}}{200 \text{ SQ. FT./PERSON}} = 3 \text{ PEOPLE}$
	B OFFICE/RECEPTION: $\frac{2,059 \text{ SQ. FT.}}{100 \text{ SQ. FT./PERSON}} = 21 \text{ PEOPLE}$

## LEGAL DESCRIPTION

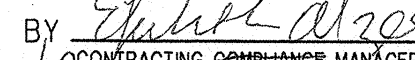
LEGAL DESCRIPTION: LOTS 1 TO 4, INCLUSIVE AND LOTS 11 TO 14, INCLUSIVE, BLOCK 21, BURKE'S 2nd ADDITION TO THE CITY OF SEATTLE, RECORDED IN VOL. 1 OF PLATS, PAGE 248, RECORDS OF KING COUNTY, WASHINGTON.

## ABBREVIATIONS

ACT	ACOUSTICAL CEILING TILE	LONG	LONGITUDINAL
AFF	ABOVE FINISH FLOOR	MAX	MAXIMUM
AL/ALUM	ALUMINUM	MIN	MINIMUM/ MINUTE
AMT	AMOUNT	MTL	METAL
AUX	AUXILIARY	MV	MICROWAVE
CH	COAT HOOK	O.C.	ON CENTER
CLNG	CEILING	O.D.	OUTSIDE DIAMETER
CO	CLEAN OUT	P	PAINT
CONC	CONCRETE	PLAM	PLASTIC LAMINATE
CONT	CONTINUOUS	PPT	PRESSURE PRESERVATIVE TREATED
CPT	CARPET	RD	ROOF DRAIN
CT	CERAMIC TILE	PTD	PAPER TOWEL DISPENSER
DEMO	DEMOLITION/DEMOLISH	REF	REFLECTED
DIA, DIAM	DIAMETER	SD	SOAP DISPENSER
DIMS	DIMENSIONS	SS	STAINLESS STEEL
EQ	EQUAL	STOR	STORAGE
EX/EXIST	EXISTING	SUFF	SUFFICIENT
F.E.	FIRE EXTINGUISHER	SV	SHEET VINYL
FIN FLR	FINISHED FLOOR	TME	TO MATCH EXISTING
FOIC	FURNISHED BY OWNER/INSTALLED BY CONTRACTOR	TP	TOILET PAPER
FOIO	FURNISHED BY OWNER/INSTALLED BY OWNER	U.O.N.	UNLESS OTHERWISE NOTED
FTG	FOOTING	VCT	VINYL COMPOSITION TILE
GL	GLASS	VIF	VERIFY IN FIELD
GLB	GLUE LAM. BEAM	WC	WALL COVERING
GWB	GYPSUM WALLBOARD	WD	WOOD
HM	HOLLOW METAL DOOR/FRAME	WR	WASTE RECEPTACLE
		WS	WHEEL STOP
		WWF	WELDED WIRE FABRIC

APPROVED FOR ADVERTISING  
DWAYNE D. DIVELY  
Director of Executive Services

SEATTLE, WA 7-28-1998

By  CONTRACTING COMPLIANCE MANAGER

APPROVED BY  
EXECUTIVE SERVICES DEPARTMENT  
CITY OF SEATTLE

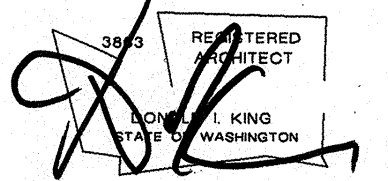
 DATE 6-24-98

DR. FACILITY SERVICES DIV.  
DR. ARCHITECTURE AND ENGINEERING

**DIA**

DONALD WING ARCHITECTS

2107 Elliott Avenue Suite 305  
Seattle, WA 98121  
PHONE (206) 443-9939  
FAX (206) 443-9891



## CENTRAL AREA SENIOR CENTER

500 30th Avenue South  
Seattle, WA 98144

## CONSTRUCTION DOCUMENTS 6/22/98

REVISIONS		
NO.	DATE	DESCRIPTION

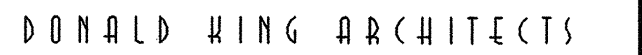
## SITE PLAN

DRAWN: AM  
CHECKED: MAJ  
PROJECT NO.: 9719  
S H E E T

**A1.1**



FILE PATH: \\CAMDEN\COMMON\DRAWING\42-1-DWG.DWG  
 FULL BLOCK FILE PATH: \\CAMDEN\DRAWING\42-1-DWG.DWG



2866 REGISTERED ARCHITECT  
DONALD I. KING  
STATE OF WASHINGTON

500 30th Avenue South  
Seattle, WA 98144

- (1) REMOVE EXIST. 5 1/8 x 16 1/2 GLBs
- (2) REMOVE SUFF. AMT. CONC. TO ACCOMMODATE NEW FTG.
- (3) REMOVE EXISTING 4x6 WOOD POSTS
- (4) REMOVE CORRIDOR WALLS AND DOORS
- (5) REMOVE OFFICE WALLS AND DOOR
- (6) REMOVE 4" RUBBER BASE ENTIRE PERIMETER OF DINING ROOM, SOLARIUM, & CORRIDOR
- (7) REMOVE CLOSET WALLS AND DOORS
- (8) REMOVE EXIT DOORS, FRAME & HARDWARE
- (9) REMOVE WALL & BRICK VENEER THIS 8' WIDE SECTION
- (10) REMOVE 4x4 WD COLUMN, SUPPORT ROOF TEMPORARILY
- (11) REMOVE WALL BELOW WINDOW TO NEW SILL HT. - SEE WINDOW SCHED.
- (12) REMOVE 6'-8" x 4'-0" WINDOWS & 8'-0" x 2'-6" RADIATOR BELOW WINDOW
- (13) REMOVE ACCORDIAN ROOM DIVIDER
- (14) REMOVE CLOSETS
- (15) REMOVE SLIDING DOORS
- (16) REMOVE CEILING PLENUM IN THIS ROOM. PLENUM REMAINS IN CORRIDOR
- (17) REMOVE EX. MTL. GUARDRAIL.
- (18) REMOVE 4" CONC. FOR NEW LANDING.
- (19) REMOVE CONC. THIS AREA FOR NEW LANDING (SEE PLAN).
- (20) DEMO OPENING 36" X 30" TOP OF OPENING @ 6'-10" AFF
- (21) REMOVE, SHORE & REUSE EXISTING DOOR, FRAME & HARDWARE
- (22) REMOVE EXISTING RECEPTION DESK
- (23) REMOVE EXIST. SINGLE PANE GLASS FR. WOOD FRAMES TO ALLOW FOR GLASS REPLACEMENTS ALL WINDOWS THIS RM.
- (24) REMOVE CURTAINS & RODS

[illegible]

**DRAWN: AM**  
**CHECKED: MAJ**  
**PROJECT NO.: 9719**

## A2.1

APPROVED BY  
EXECUTIVE SERVICES DEPARTMENT  
CITY OF SEATTLE

---

DIR. FACILITY SERVICES DIV. DATE

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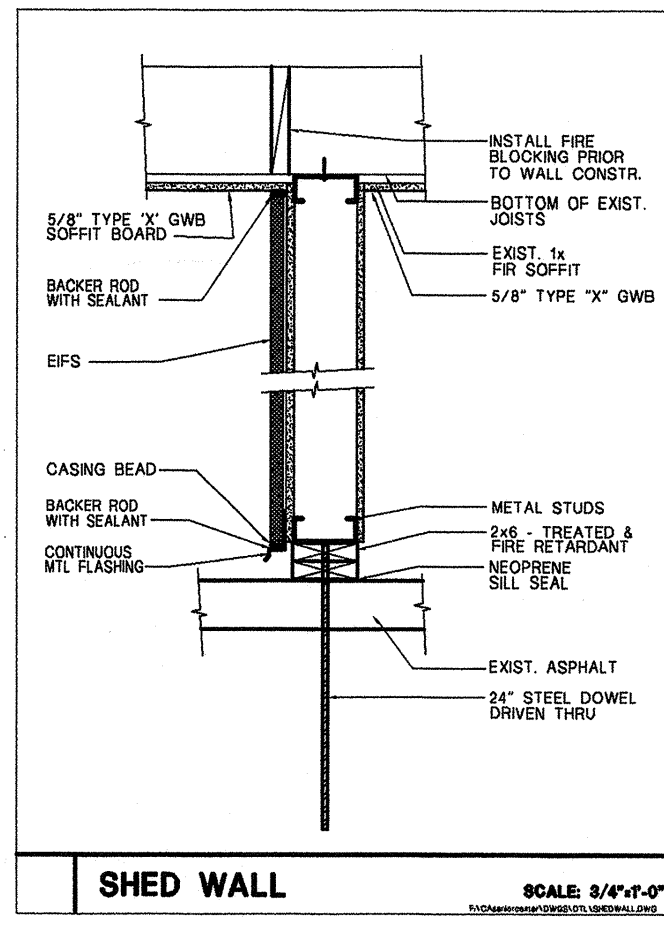
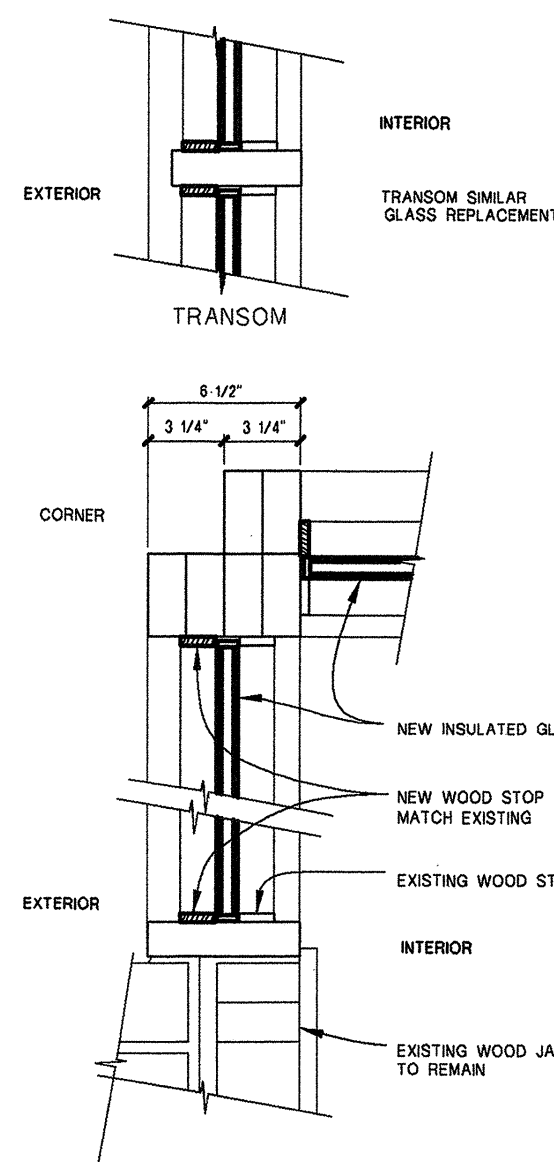
DIR. ARCHITECTURE AND ENGINEERING DATE



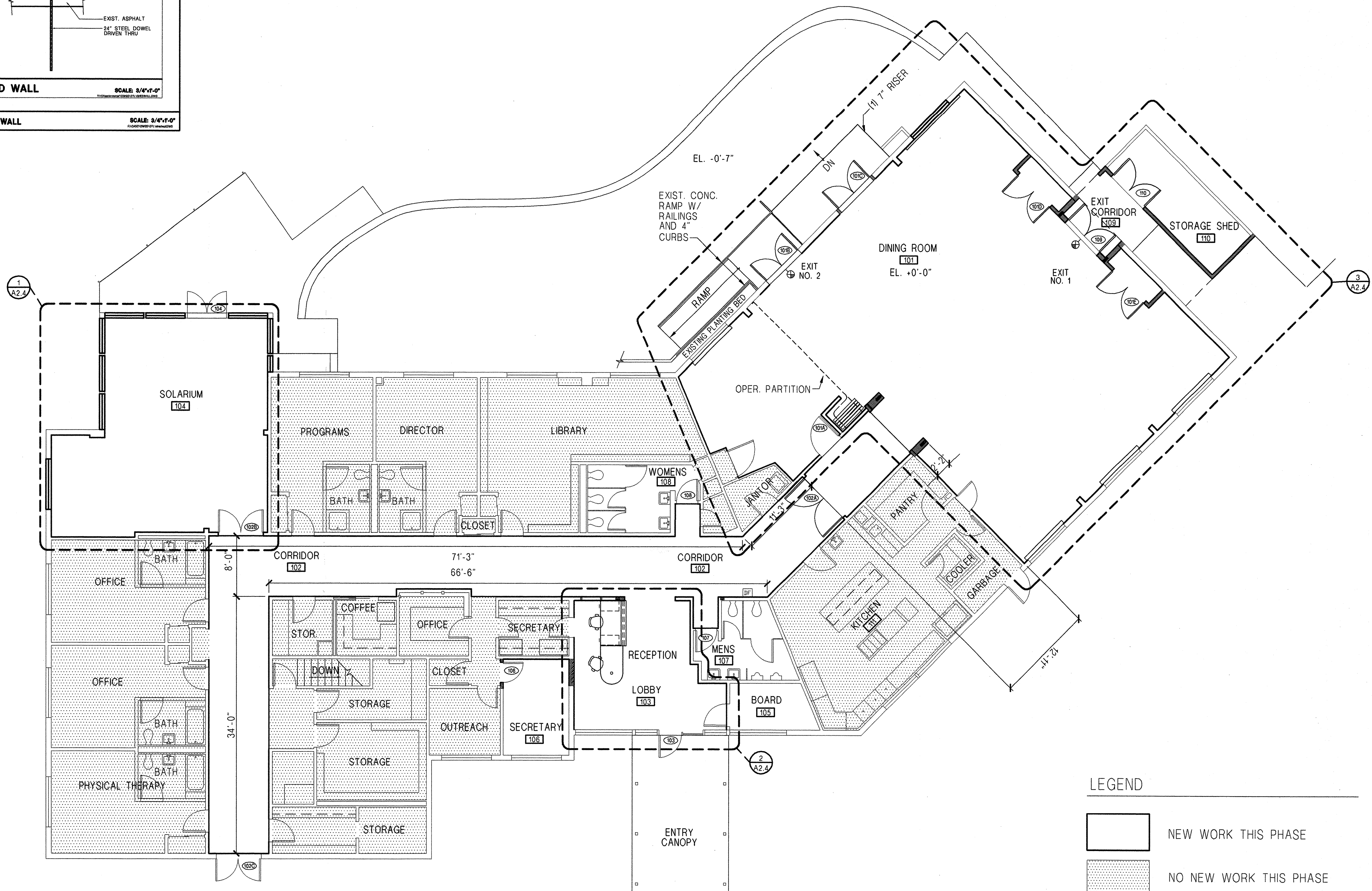
**SCALE: 1/8"=1'-0"**



NOTE: IF DRAWING SHEET IS NOT 24" X 36" THEN DRAWING IS NOT TO SCALE.



1 SOLARIUM GLASS REPLACEMENT SCALE: 1/8"=1'-0" 2 NEW SHED WALL SCALE: 3/8"=1'-0"



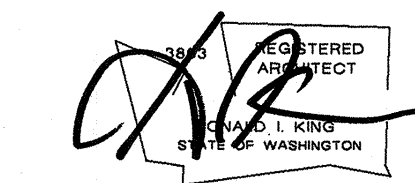
LEGEND

- NEW WORK THIS PHASE
- NO NEW WORK THIS PHASE
- NEW WALL

MAIN FLOOR PLAN  
SCALE: 1/8"=1'-0"

DIA  
DONALD HING ARCHITECTS

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CENTRAL AREA  
SENIOR CENTER

500 30th Avenue South  
Seattle, WA 98121

APPROVED FOR ADVERTISING  
DWIGHT D. DIVELY  
Director of Executive Services  
SEATTLE, WA \_\_\_\_\_, 19\_\_\_\_  
BY \_\_\_\_\_  
CONTRACTING COMPLIANCE MANAGER

APPROVED BY  
EXECUTIVE SERVICES DEPARTMENT  
CITY OF SEATTLE  
DIR. FACILITY SERVICES DIV. \_\_\_\_\_ DATE \_\_\_\_\_  
DIR. ARCHITECTURE AND ENGINEERING \_\_\_\_\_ DATE \_\_\_\_\_

CONSTRUCTION  
DOCUMENTS  
6/22/98

REVISIONS		
NO.	DATE	DESCRIPTION

MAIN  
FLOOR  
PLAN

DRAWN: DESIGNER/DRAFTER  
CHECKED: MJ  
PROJECT NO.: 9719  
S H E E T

A2.2

FILE PATH: C:\NORTH\CENTRAL\DRAWING\A2.2\FLOOR.DWG  
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**D!A**

DONALD KING ARCHITECTS


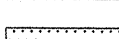




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Seattle, WA 98121  
PHONE (206) 443-9939  
FAX (206) 443-9891



**SENIOR CENTER  
CENTRAL AREA**

**500 30th Avenue South  
Seattle, WA 98144**



- |   |                                 |
|---|---------------------------------|
|  | NEW WORK THIS PHASE             |
|  | NO NEW WORK THIS PHASE          |
|  | NEW WALL                        |
|  | FIXTURE 1, SEE ELECTRICAL SPEC. |
|  | FIXTURE 2, SEE ELECTRICAL SPEC. |
|  | FIXTURE 3, SEE ELECTRICAL SPEC. |

NOTE:  
ALL FLUORESCENT FIXTURES TO BE SURFACE MOUNTED.

 REFLECTED CEILING PLAN  
SCALE: 1/8"=1'-0"

APPROVED FOR ADVERTISING

DWIGHT D. DIVELY  
Director of Executive Services

SEATTLE, WA \_\_\_\_\_ 19\_\_\_\_

BY \_\_\_\_\_  
CONTRACTING COMPLIANCE MANAGER

APPROVED BY  
EXECUTIVE SERVICES DEPARTMENT  
CITY OF SEATTLE

---

DIR. FACILITY SERVICES DIV. DATE

---

DIR. ARCHITECTURE AND ENGINEERING DATE

CONSTRUCTION  
DOCUMENTS  
6/22/98

REVISIONS		
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**REFLECTED  
CEILING  
PLAN**

DRAWN: AM  
CHECKED: MAJ  
PROJECT NO.: 9719

## A2.3

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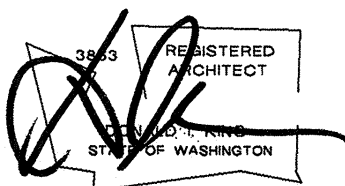


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**D.A.**

DONALD WING ARCHITECTS

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**CENTRAL AREA  
SENIOR CENTER**

500 30th Avenue South  
Seattle, WA 98121

APPROVED FOR ADVERTISING

DWIGHT D. DWYER  
Director of Executive Services

SEATTLE, WA 19

BY CONTRACTING COMPLIANCE MANAGER

APPROVED BY  
EXECUTIVE SERVICES DEPARTMENT  
CITY OF SEATTLE

DIR. FACILITY SERVICES DIV. DATE

DIR. ARCHITECTURE AND ENGINEERING DATE

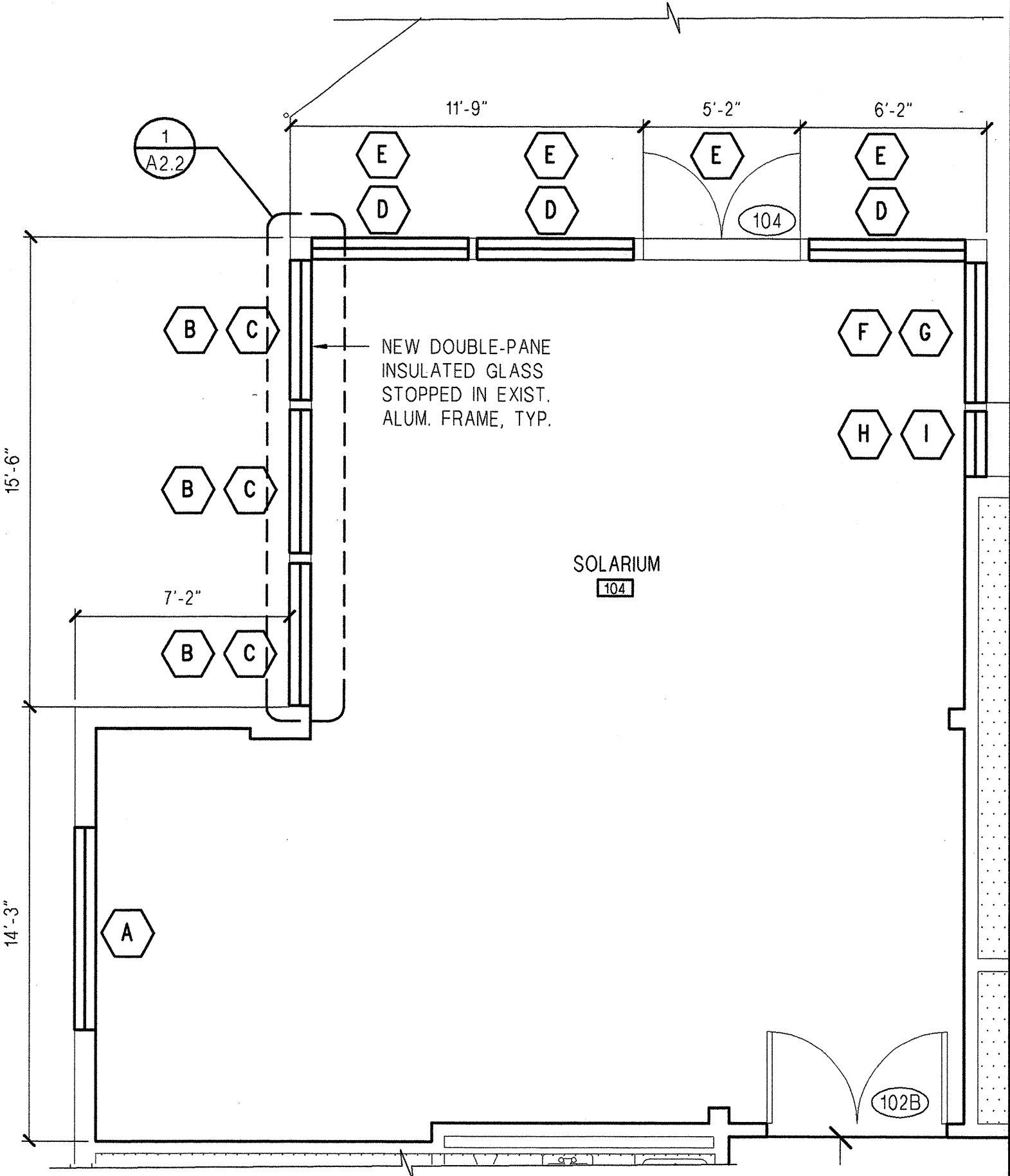
**CONSTRUCTION  
DOCUMENTS  
6/22/98**

REVISIONS	
NO.	DESCRIPTION

**ENLARGED  
FLOOR  
PLANS**

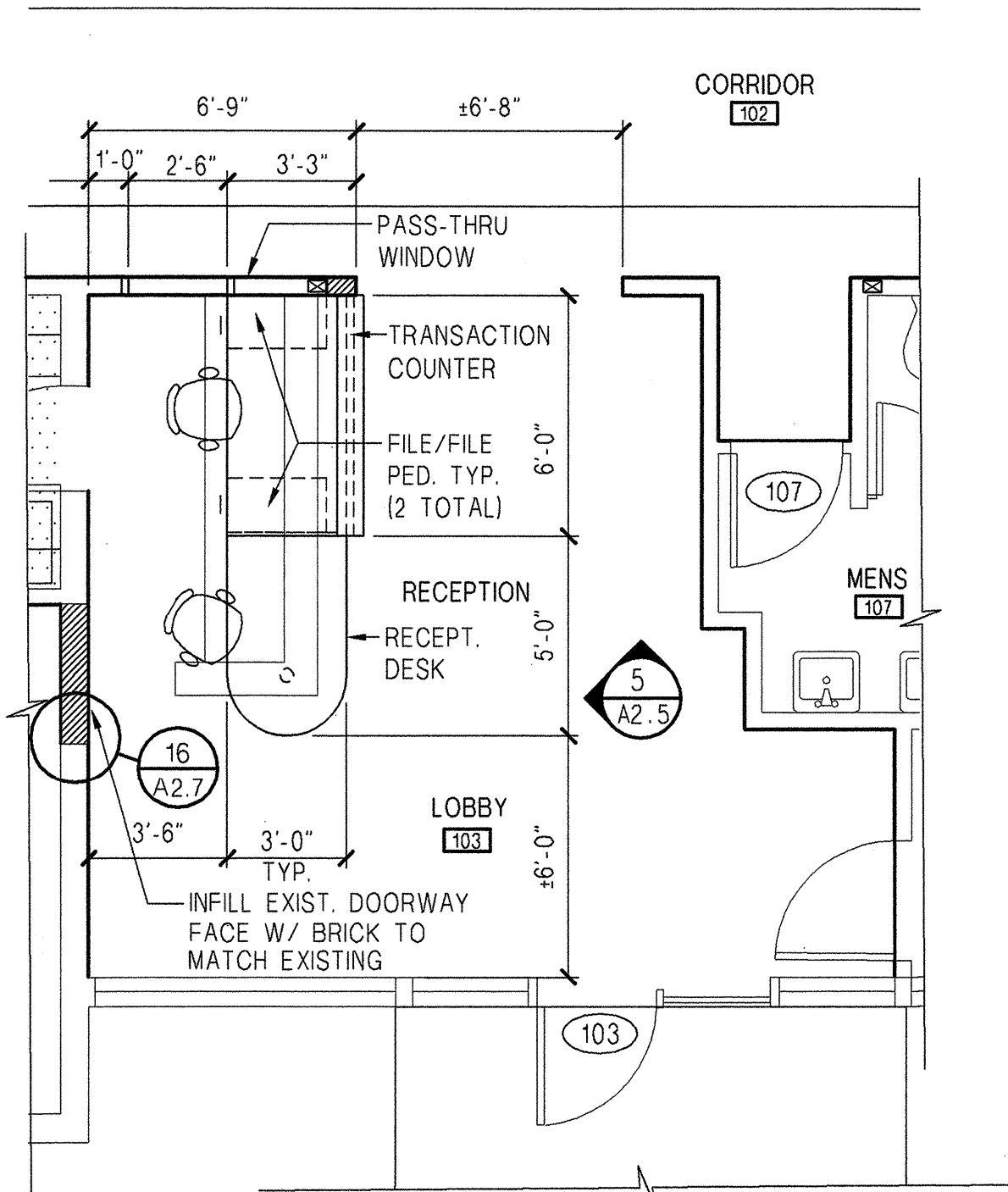
DRAWN: AM, CD  
CHECKED: MJ  
PROJECT NO.: 9719  
S H E E T

**A2.4**



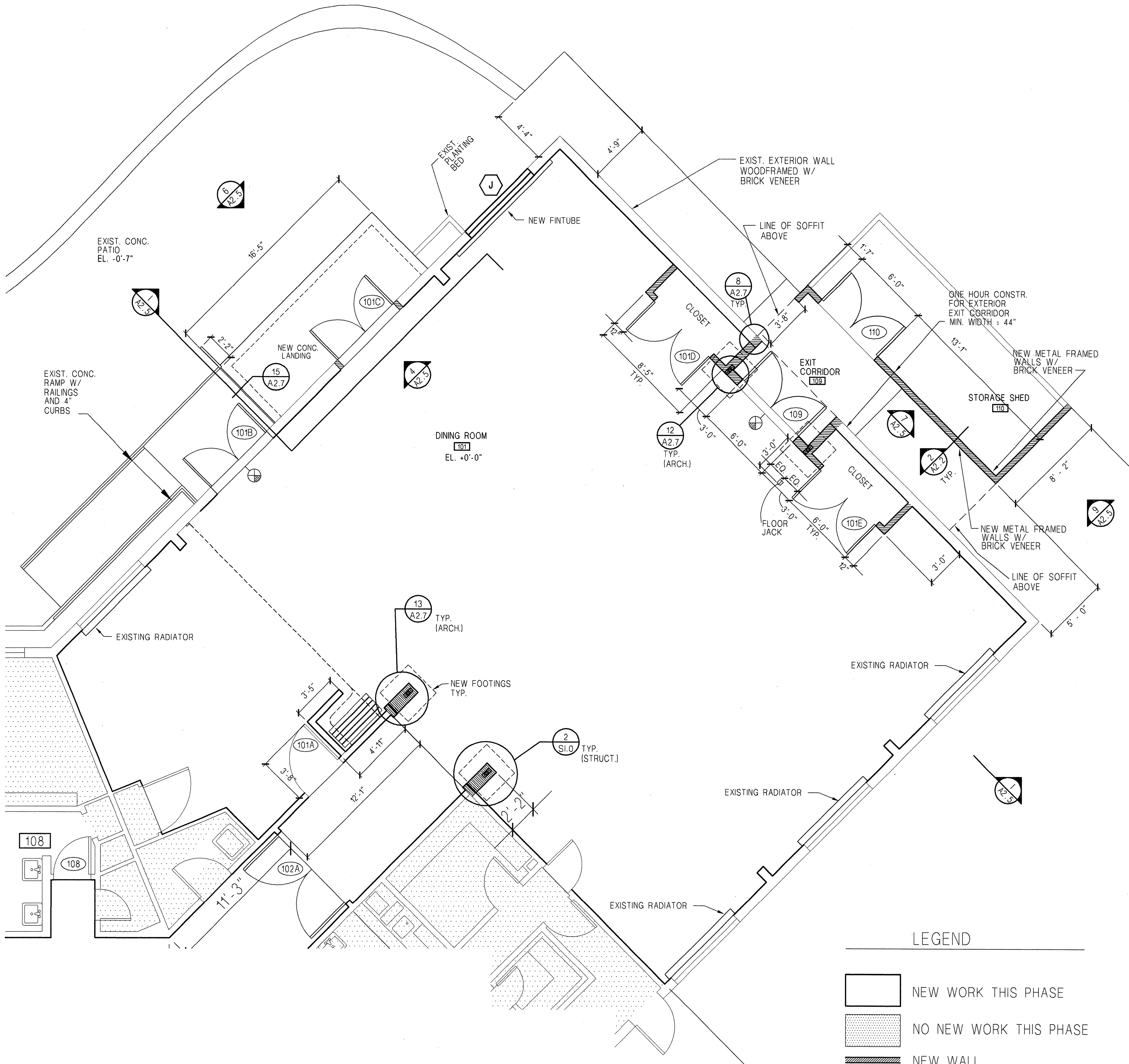
**1**

**SOLARIUM FLOOR PLAN**  
SCALE: 1/4"=1'-0"



**2**

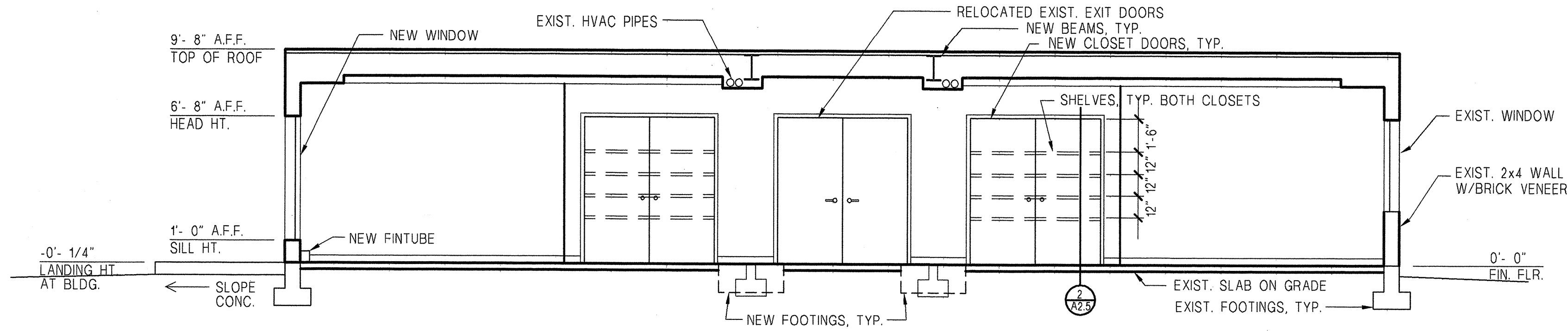
**LOBBY/RECEPTION FLOOR PLAN**  
SCALE: 1/4"=1'-0"



**3**

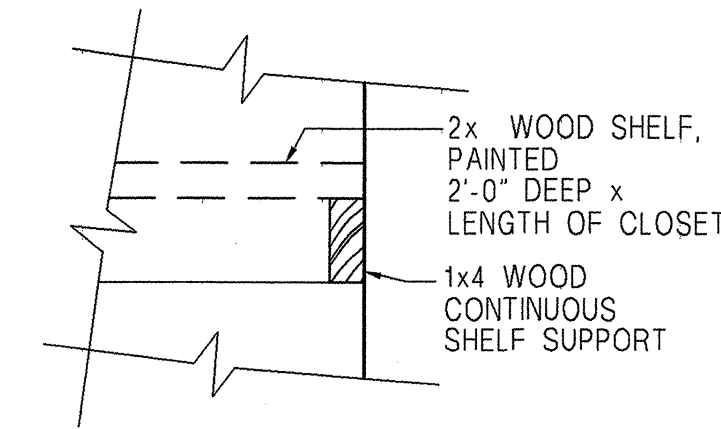
**DINING ROOM FLOOR PLAN**  
SCALE: 1/4"=1'-0"





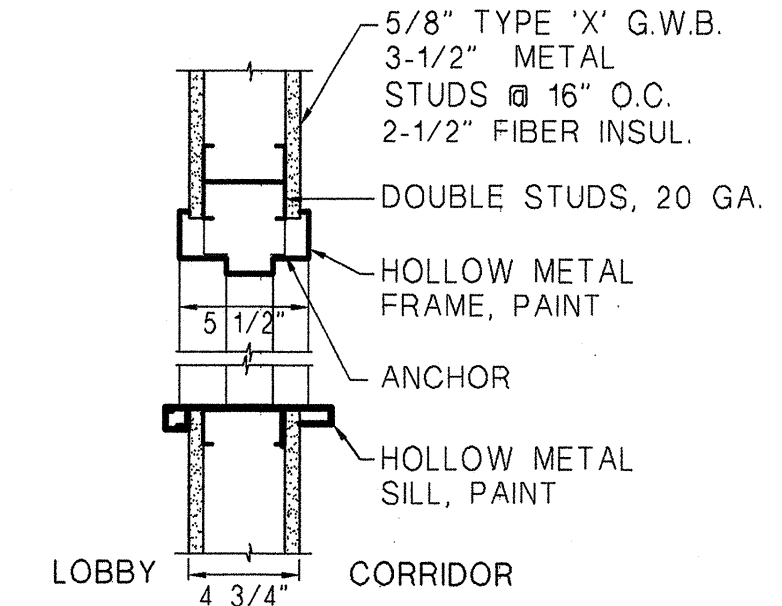
1 SECTION A-A / DINING ROOM

SCALE: 1/4"=1'-0"



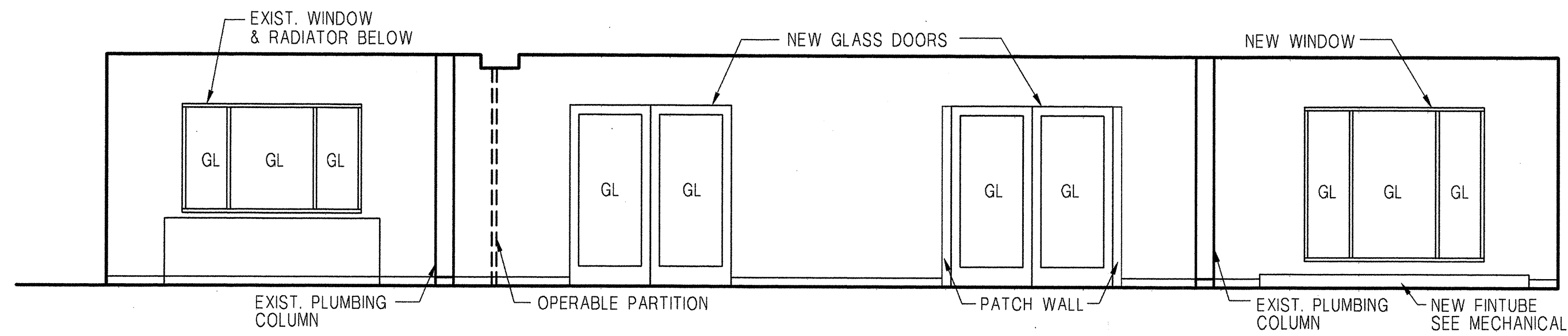
2 SHELF SUPPORT

SCALE: 1 1/2"=1'-0"



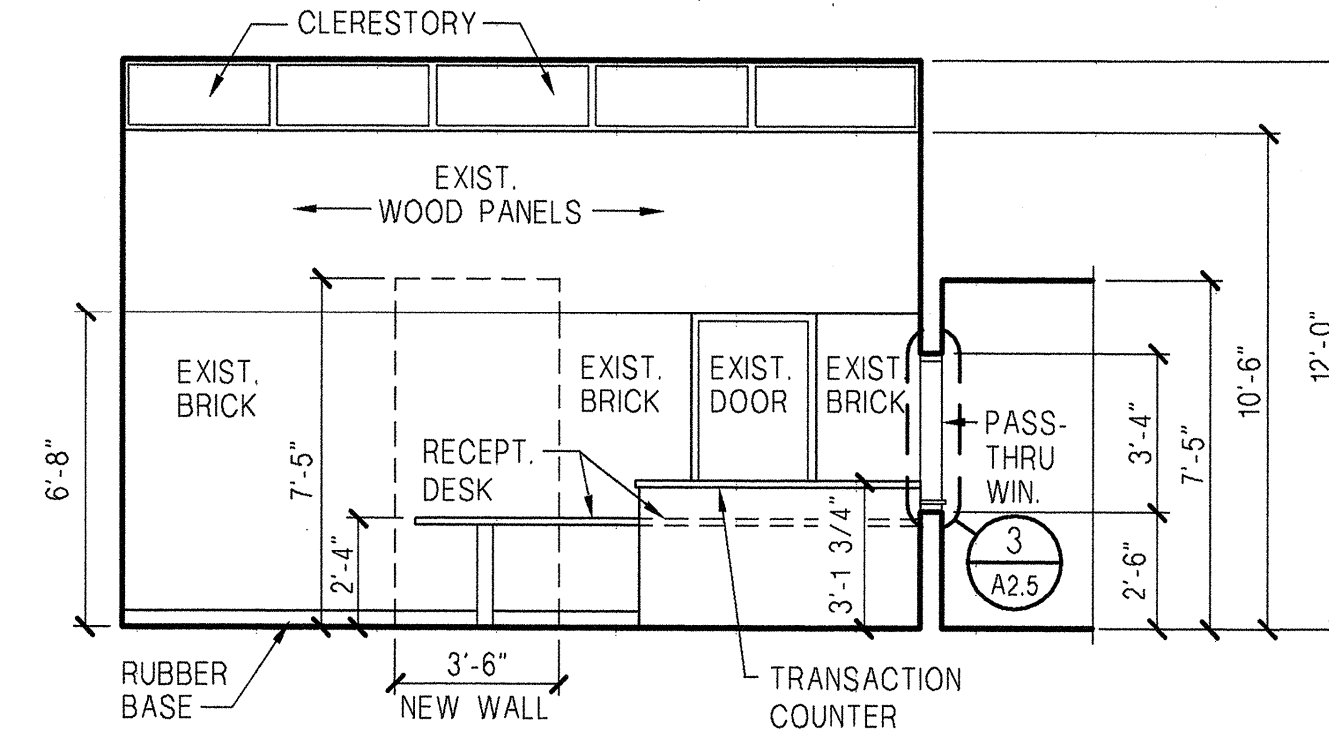
3 PASS-THROUGH

SCALE: 1 1/2"=1'-0"



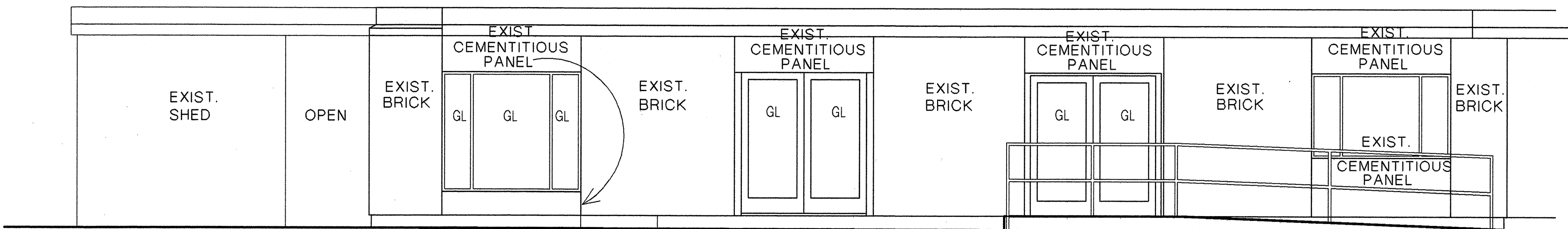
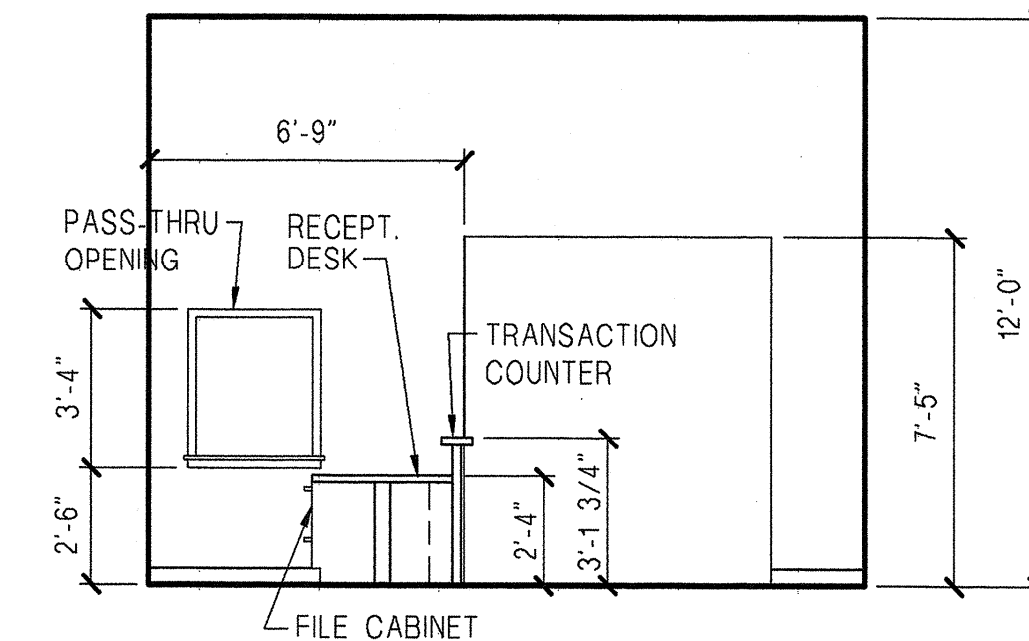
4 DINING ROOM - FACING EAST

SCALE: 1/4"=1'-0"



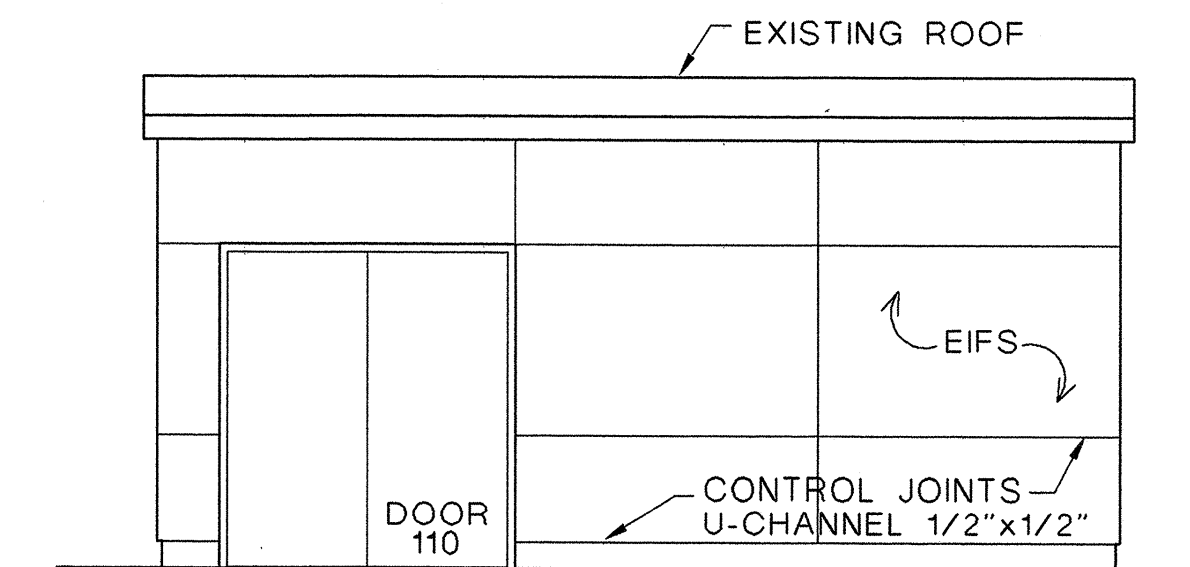
5 RECEPTION - FACING NORTH & EAST

SCALE: 1/4"=1'-0"



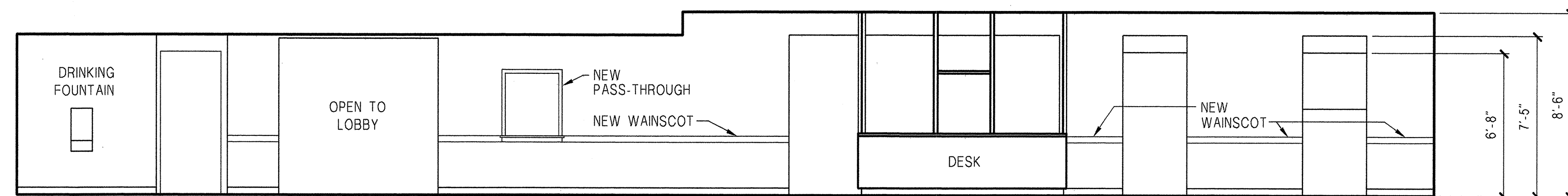
6 EAST ELEVATION - DINING ROOM

SCALE: 1/4"=1'-0"



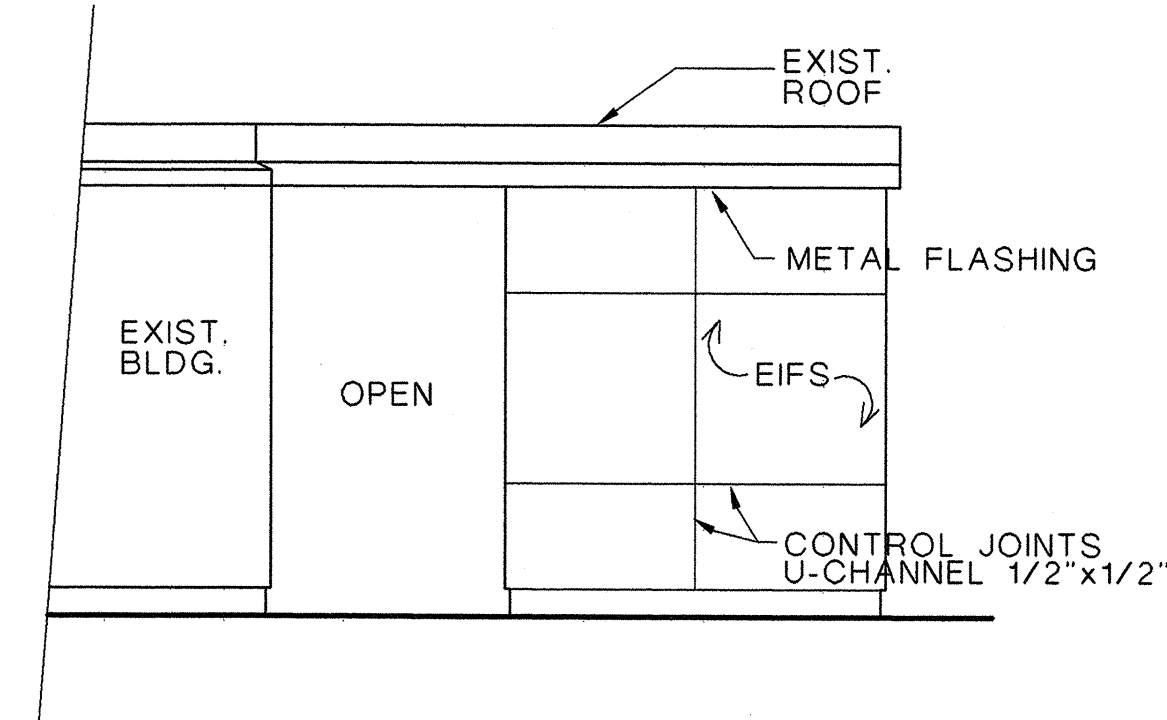
7 NORTH ELEVATION - SHED

SCALE: 1/4"=1'-0"



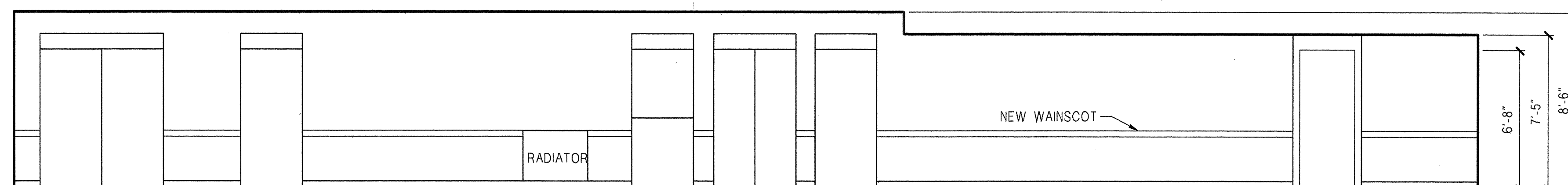
8 CORRIDOR - FACING WEST

SCALE: 1/4"=1'-0"



9 WEST ELEVATION - SHED

SCALE: 1/4"=1'-0"



10 CORRIDOR - FACING EAST

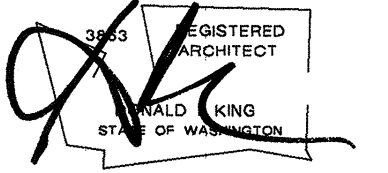
SCALE: 1/4"=1'-0"

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**D.A.**

DONALD KING ARCHITECTS

2107 Elliott Avenue Suite 305  
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PHONE (206) 443-9939  
FAX (206) 443-9891



**CENTRAL AREA  
SENIOR CENTER**

500 30th Avenue South  
Seattle, WA 98144

CONSTRUCTION  
DOCUMENTS  
6/22/98

REVISIONS		
NO.	DATE	DESCRIPTION

**INTERIOR  
ELEVATIONS**

DRAWN: AM  
CHECKED: MAJ  
PROJECT NO.: 9719

S H E E T

**A2.5**

APPROVED FOR ADVERTISING  
Dwight D. Dively  
Director of Executive Services

SEATTLE, WA \_\_\_\_\_ 19\_\_\_\_

BY \_\_\_\_\_

CONTRACTING COMPLIANCE MANAGER

APPROVED BY  
EXECUTIVE SERVICES DEPARTMENT  
CITY OF SEATTLE

DIR. FACILITY SERVICES DIV. \_\_\_\_\_ DATE \_\_\_\_\_

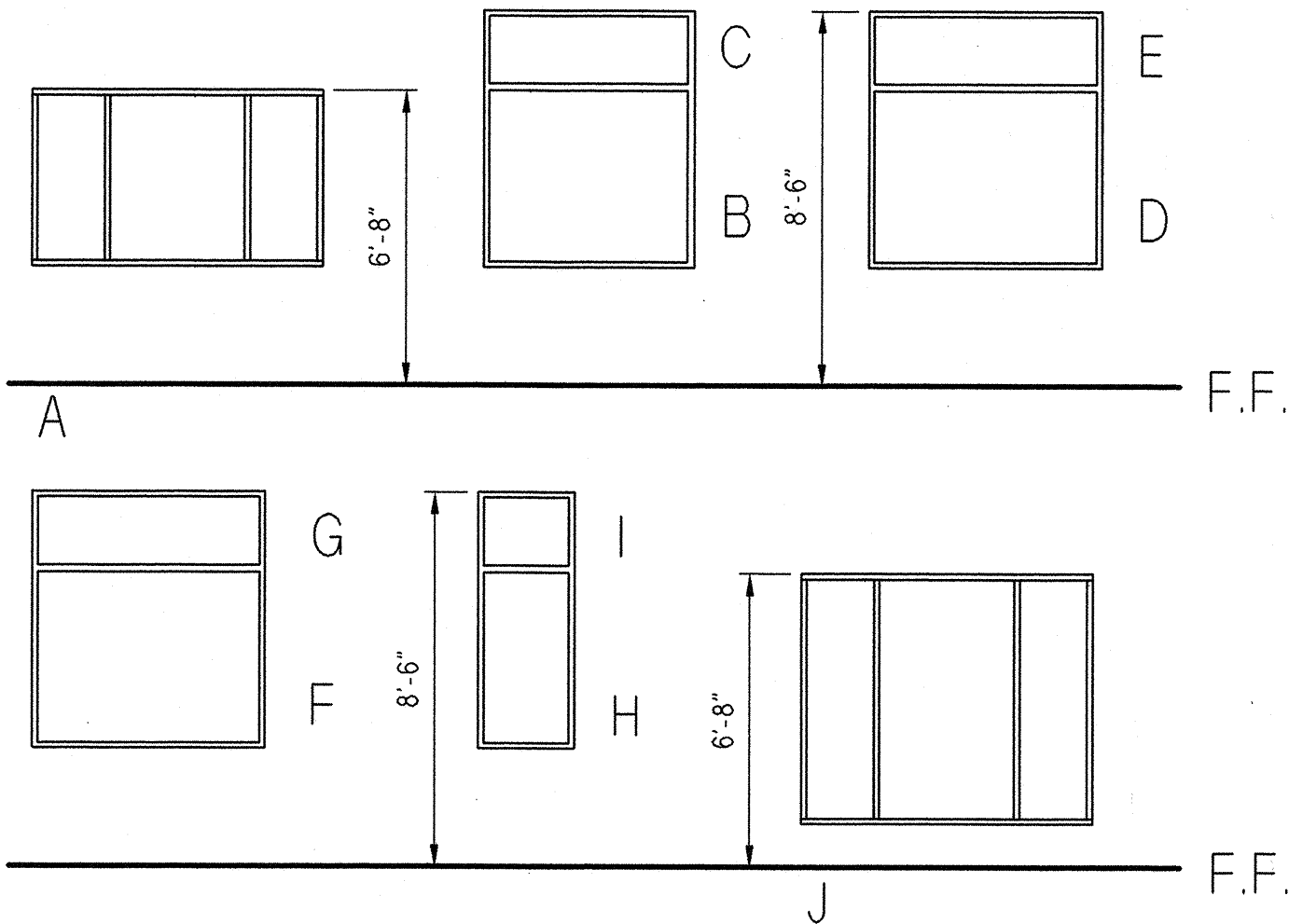
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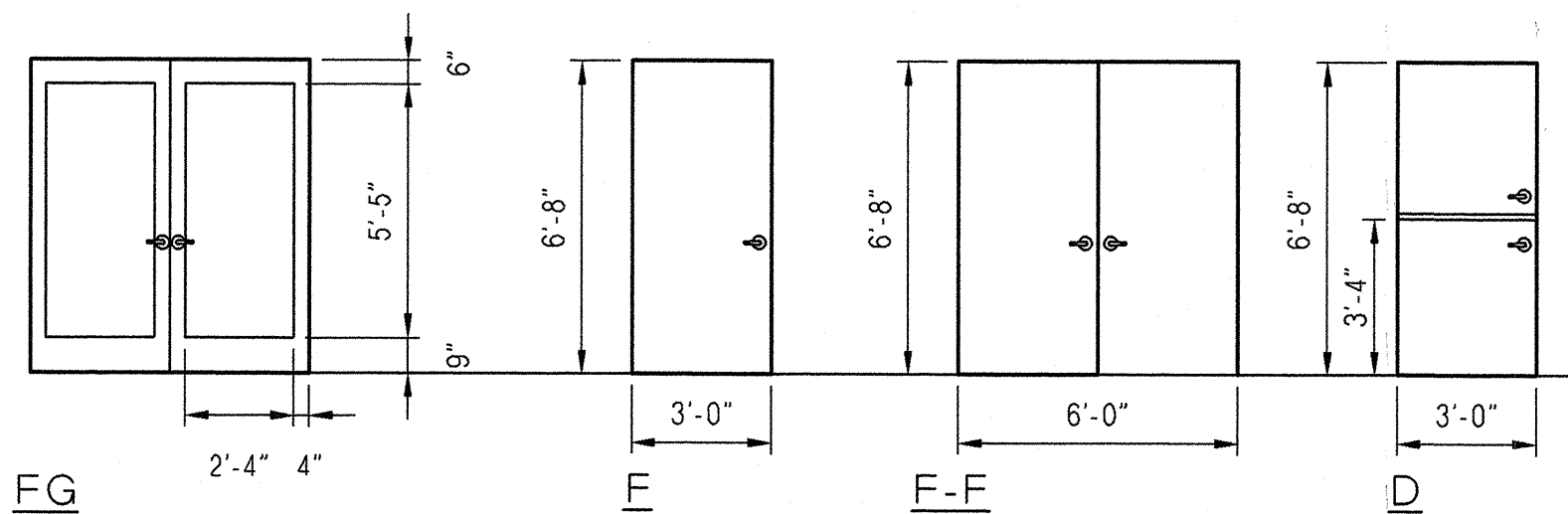


R O O M   F I N I S H   S C H E D U L E															
ROOM NO.	ROOM NAME	FLOOR		BASE	WALLS								CEILING		REMARKS
					NORTH		SOUTH		EAST		WEST				
		MAT'L	FINISH	MAT'L	MAT'L	FINISH	MAT'L	FINISH	MAT'L	FINISH	MAT'L	FINISH	MAT'L	FINISH	
101	DINING ROOM		SV	R	GWB	P	GWB	P	GWB	P	GWB	P	GWB/ ACT	P	
102	CORRIDOR		CPT	R	GWB	P	GWB	P	GWB	P	GWB	P	ACT	P	
103	LOBBY		SV	R	GWB	P	GWB	P	GWB	P	GWB	P	ACT	P	
104	SOLARIUM		CPT	R	GWB	P	GWB	P	GWB	P	GWB	P	GWB	P	2
105	SECRETARY		-	-	PATCH	P	PATCH	P	-	-	-	-	-	-	
106	MEN'S ROOM (EXISTING)	EXIST.	-	-	-	-	-	-	-	-	-	-	-	-	1
107	WOMEN'S ROOM (EXISTING)	EXIST.	-	-	-	-	-	-	-	-	-	-	-	-	1
108	STORAGE SHED	EXIST.	-	NA	GWB	P	NA	NA	NA	NA	GWB	P	NA	-	

1. EXISTING MEN'S & WOMEN'S ROOMS TO REMAIN. ALL PLUMBING FIXTURES TO REMAIN. VENTILATION FAN TO BE INSTALLED.  
2. GWB OVER EXISTING 150 S.F. ACOUSTICAL CEILING TILES. EXISTING GWB AREAS TO REMAIN. PAINT ENTIRE CEILING.
- GWB-GYPSUM WALLBOARD  
SV-SHEET VINYL  
P-PAINT  
PLAM-PLASTIC LAMINATE  
CPT-CARPET  
ACT-ACOUSTICAL CEILING TILE



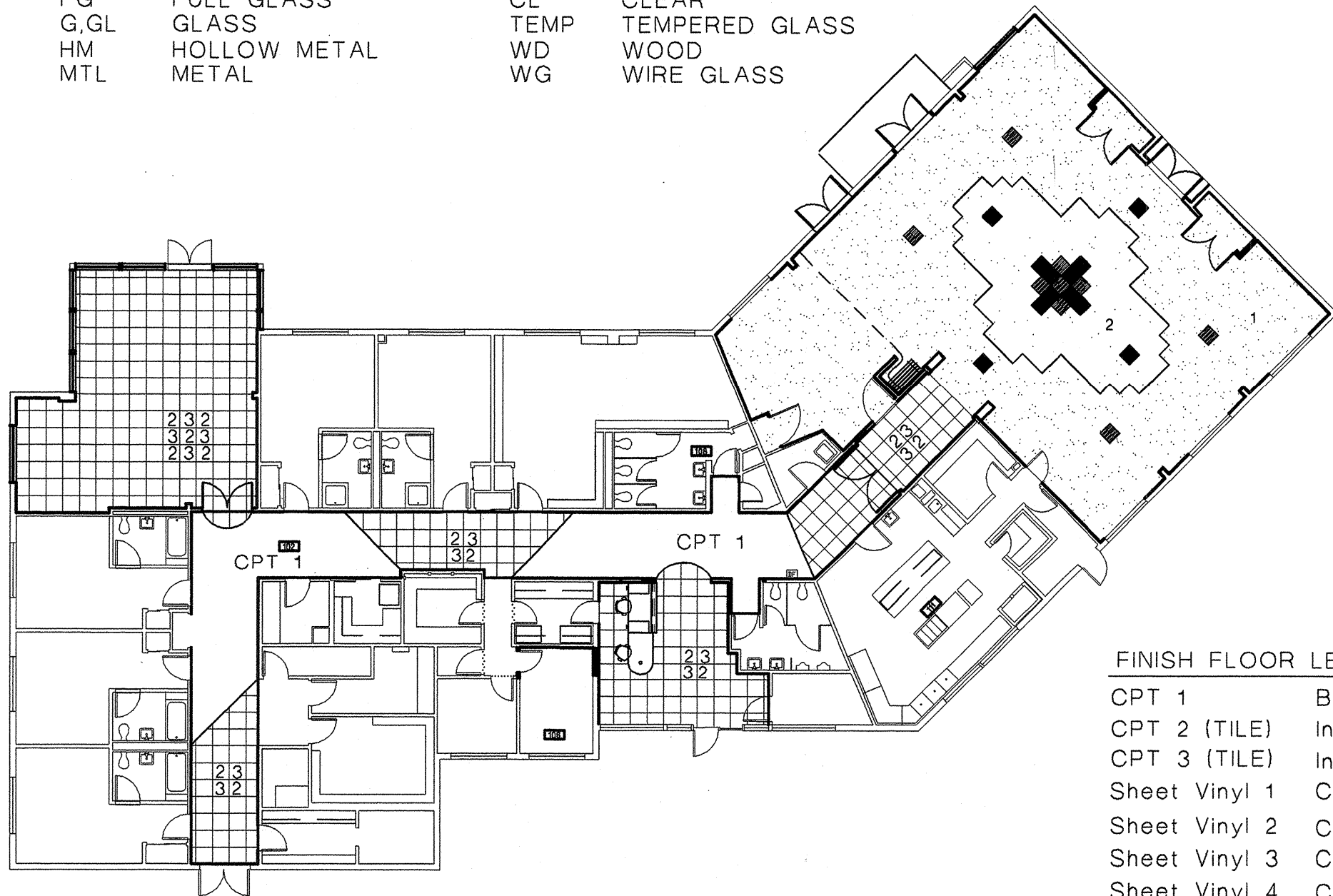
WINDOW TYPES



DOOR TYPES

DOOR ABBREVIATIONS

ANOD	ANODIZED	LAM	LAMINATED
D	DUTCH	P	PAINT
F	FLUSH	ST	STEEL
FG	FULL GLASS	CL	CLEAR
G, GL	GLASS	TEMP	TEMPERED GLASS
HM	HOLLOW METAL	WD	WOOD
MTL	METAL	WG	WIRE GLASS



FINISH FLOOR LEGEND

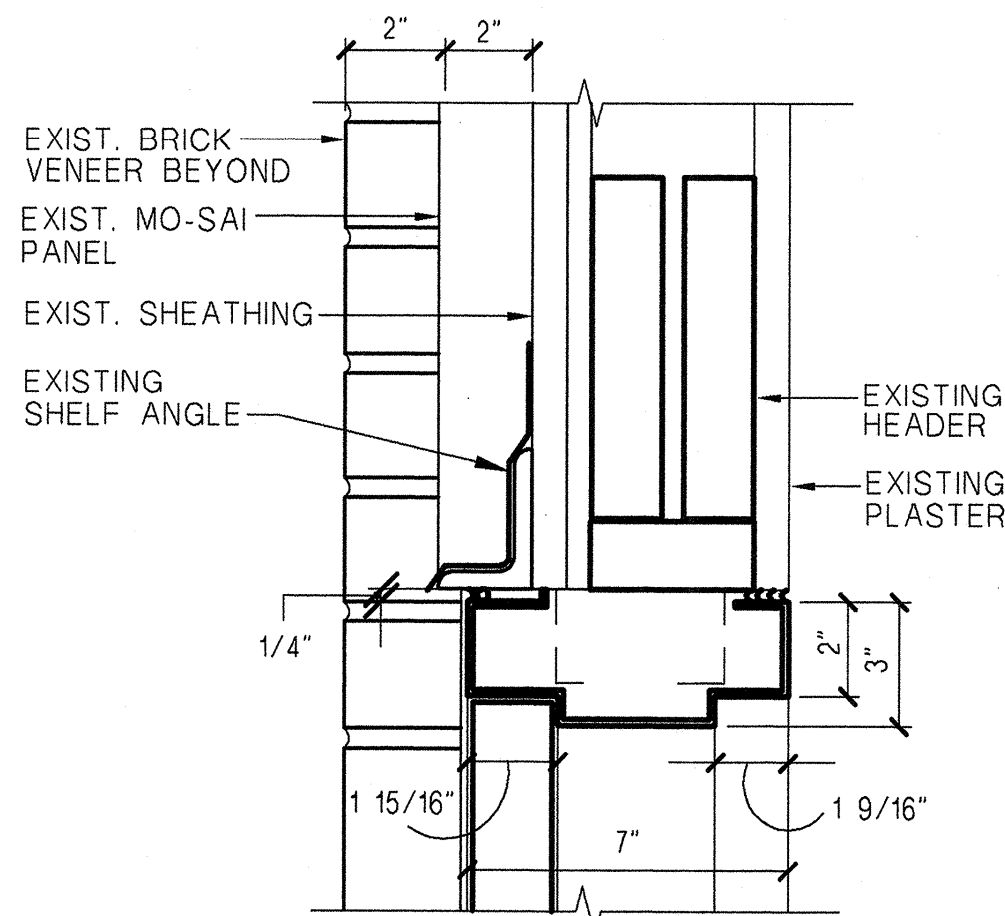
CPT 1	BENTLEY/Co-ordinates Longitude
CPT 2 (TILE)	Interface/Jakarta 2246 Sunda
CPT 3 (TILE)	Interface/Jakarta 2259 Coconut
Sheet Vinyl 1	COLOR 51018
Sheet Vinyl 2	COLOR 51045
Sheet Vinyl 3	COLOR 51049
Sheet Vinyl 4	COLOR 51047

WINDOW SCHEDULE										
SYMBOL	QTY.	SIZE W X H	TYPE	M	GLASS TYPE	FINISH	HEAD	DETAIL JAMB	SILL	REMARKS
A	1	6'-8" x 4'-0"	WINDOW	AL	DBL. INS.	ANOD	2/A2.6 SIM.			
B	3	4'-8" x 4'-0"	STOPPED GL	WD	DBL. INS.	PAINT	4/A2.6	4/A2.6	4/A2.6	
C	3	4'-8" x 4'-0"	STOPPED GL	WD	DBL. INS.	PAINT	4/A2.6	4/A2.6	4/A2.6	
D	3	5'-2" x 4'-0"	STOPPED GL	WD	DBL. INS.	PAINT	4/A2.6	4/A2.6	4/A2.6	
E	4	5'-2" x 4'-0"	STOPPED GL	WD	DBL. INS.	PAINT	4/A2.6	4/A2.6	4/A2.6	
F	1	4'-6" x 4'-0"	STOPPED GL	WD	DBL. INS.	PAINT	4/A2.6	4/A2.6	4/A2.6	
G	1	4'-6" x 4'-0"	STOPPED GL	WD	DBL. INS.	PAINT	4/A2.6	4/A2.6	4/A2.6	
H	1	2'-0" x 4'-0"	STOPPED GL	WD	DBL. INS.	PAINT	4/A2.6	4/A2.6	4/A2.6	
I	1	2'-0" x 4'-0"	STOPPED GL	WD	DBL. INS.	PAINT	4/A2.6	4/A2.6	4/A2.6	
J	1	6'-8" x 5'-6"	WINDOW	AL	DBL. INS.	ANOD	2/A2.6 SIM.			

DOOR SCHEDULE												
NO.	SIZE W X H	DOOR			FRAME		FIRE RATING	GLASS TYPE	DETAIL			REMARKS
		TYPE	MAT'L	FINISH	MAT'L	FINISH			HEAD	JAMB	SILL	
101A	3'-0" X 6'-8"	D	WD	CL	EXIST.	CL	--	--	--	--	--	1
101B	6'-0" X 6'-8"	FG-FG	MTL	P	HM	P	--	TEMP.	2/A2.6	2/A2.6	1/A2.6	5
101C	6'-0" X 6'-8"	FG-FG	MTL	P	HM	P	--	TEMP.	2/A2.6	2/A2.6	1/A2.6	1
101D	6'-0" X 6'-8"	F-F	WD	CL	HM	P	--	--	--	--	--	4
101E	6'-0" X 6'-8"	F-F	WD	CL	HM	P	--	--	--	--	--	4
102A	6'-0" X 6'-8"	F-F	WD	CL	HM	P	--	--	--	--	--	3
102B	EXIST.	--	--	--	--	--	--	--	--	--	--	
102C	EXIST.	--	--	--	--	--	--	--	--	--	--	
103	EXIST.	--	--	--	--	--	--	--	--	--	--	
104	EXIST.	--	--	--	--	--	--	--	--	--	--	
106	EXIST.	--	--	--	--	--	--	--	--	--	--	2
107	EXIST.	--	--	--	--	--	--	--	--	--	--	
108	EXIST.	--	--	--	--	--	--	--	--	--	--	
109	6'-0" X 6'-8"	F-F	MTL	P	HM	P	20 MIN.	--	8/A2.7	12/A2.7	1/A2.6	5
110	6'-0" X 6'-8"	F-F	MTL	P	HM	P	20 MIN.	--	8/A2.7	--	--	5

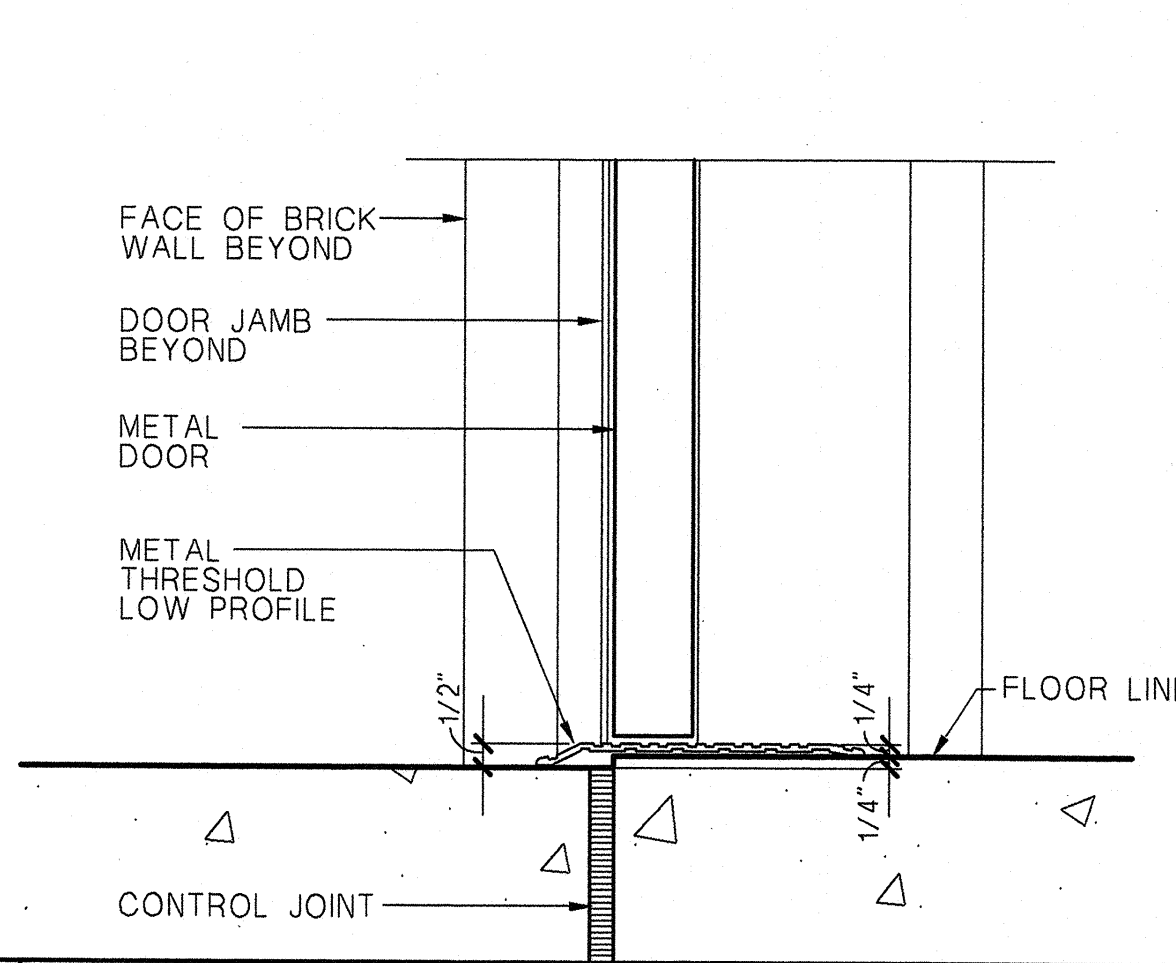
REMARKS:

- EXIST. FRAME TO BE REINSTALLED. SEE SHT A2.2 FOR DOORSWING.
- EXIST. INTERIOR DOOR, FRAME, AND HARDWARE TO BE REINSTALLED. SEE SHT A2.2 FOR DOORSWING.
- EXIST. INTERIOR WOOD DOORS TO BE REUSED AND REINSTALLED. NEW FRAME AND HARDWARE NECESSARY. SEE SHT A2.2 FOR DOORSWING.
- HINGED CLOSET DOORS WITH DEADBOLT LOCKS EACH LEAF. SEE SHT A2.2 FOR DOORSWING.
- FIRE EXIT DOOR



TYP. DOOR HEAD/JAMB @ EXT.

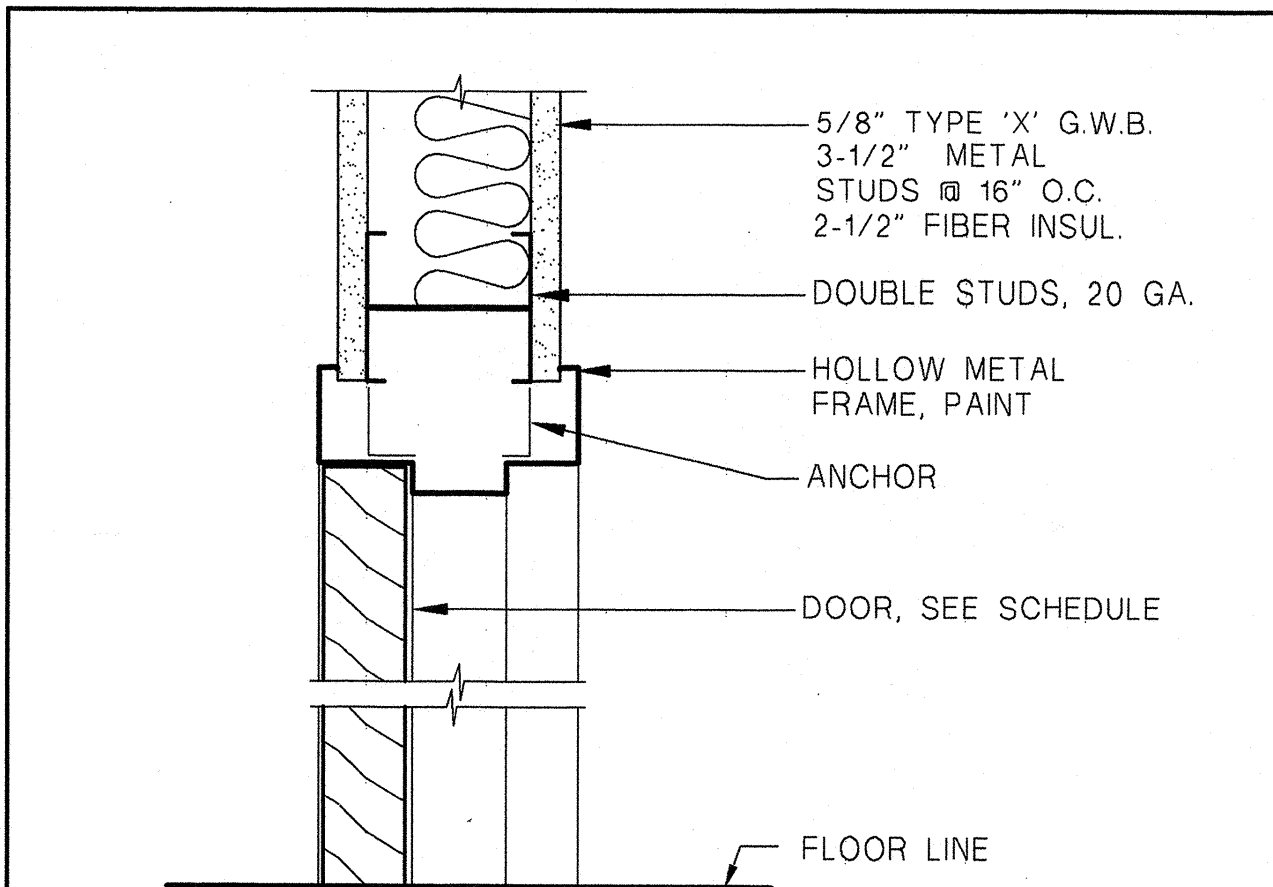
SCALE: 3/8"=1'-0"



TYP. DOOR SILL @ EXT. WALL

SCALE: 3/8"=1'-0"

NOTE: IF DRAWING SHEET IS NOT 24" X 36" THEN DRAWING IS NOT TO SCALE.



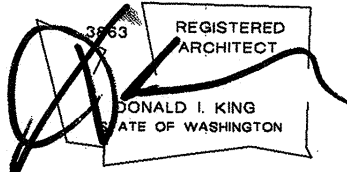
TYP. HM DOOR HEAD/JAMB

SCALE: 3/8"=1'-0"

DIA

DONALD KING ARCHITECTS

2107 Elliott Avenue Suite 305  
Seattle, WA 98121  
PHONE (206) 443-9939  
FAX (206) 443-9891



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Director of Executive Services

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BY \_\_\_\_\_  
CONTRACTING COMPLIANCE MANAGER

APPROVED BY  
EXECUTIVE SERVICES DEPARTMENT  
CITY OF SEATTLE

DIR. FACILITY SERVICES DIV. \_\_\_\_\_ DATE \_\_\_\_\_

DIR. ARCHITECTURE AND ENGINEERING \_\_\_\_\_ DATE \_\_\_\_\_

CONSTRUCTION  
DOCUMENTS  
6/22/98

REVISIONS		
NO.	DATE	DESCRIPTION

ROOM FINISH  
& DOOR  
SCHEDULE

DRAWN: AM  
CHECKED: MAJ  
PROJECT NO.: 9719

S H E E T

A2.6



D&A

DONALD HING ARCHITECTS

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Seattle, WA 98121  
PHONE (206) 443-9939  
FAX (206) 443-9891



**CENTRAL AREA  
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STREET ADDRESS  
500 30th Avenue South  
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APPROVED FOR ADVERTISING  
DWIGHT D. DIVELY  
Director of Executive Services

SEATTLE, WA 19\_\_

BY \_\_\_\_\_  
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DR. FACILITY SERVICES DIV. DATE

DR. ARCHITECTURE AND ENGINEERING DATE

**CONSTRUCTION  
DOCUMENTS  
6/22/98**

REVISIONS		
NO.	DATE	DESCRIPTION

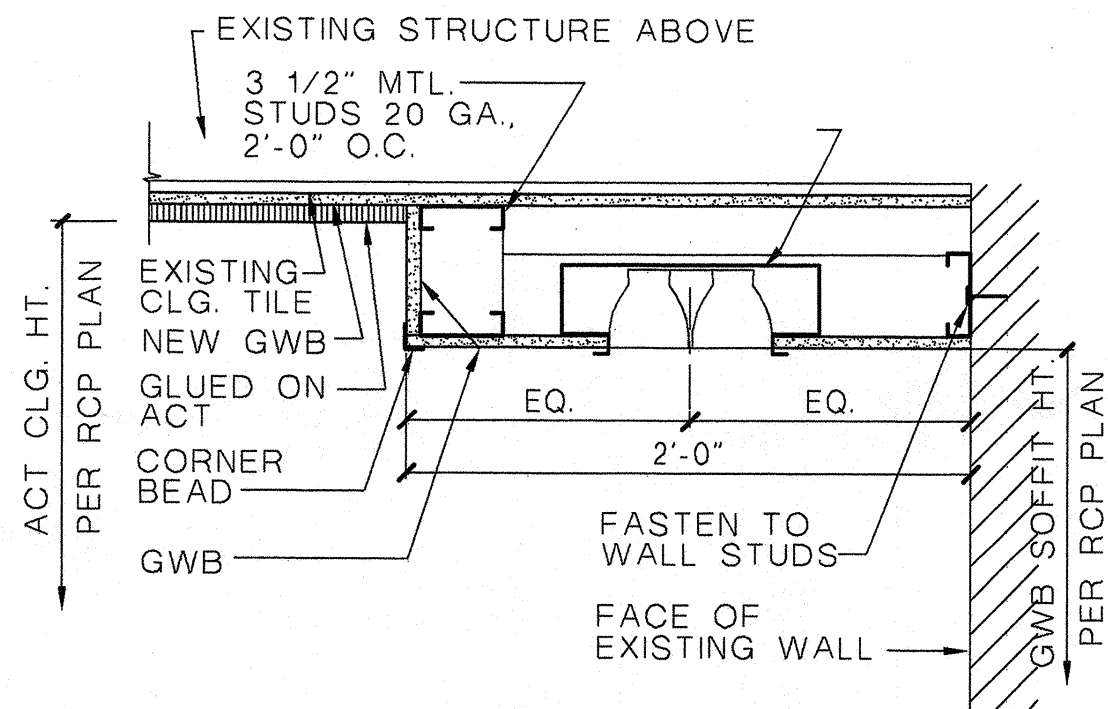
**DETAILS**

DRAWN: DESIGNER/DRAFTER  
CHECKED: MJ  
PROJECT NO.: 9719

S H E E T

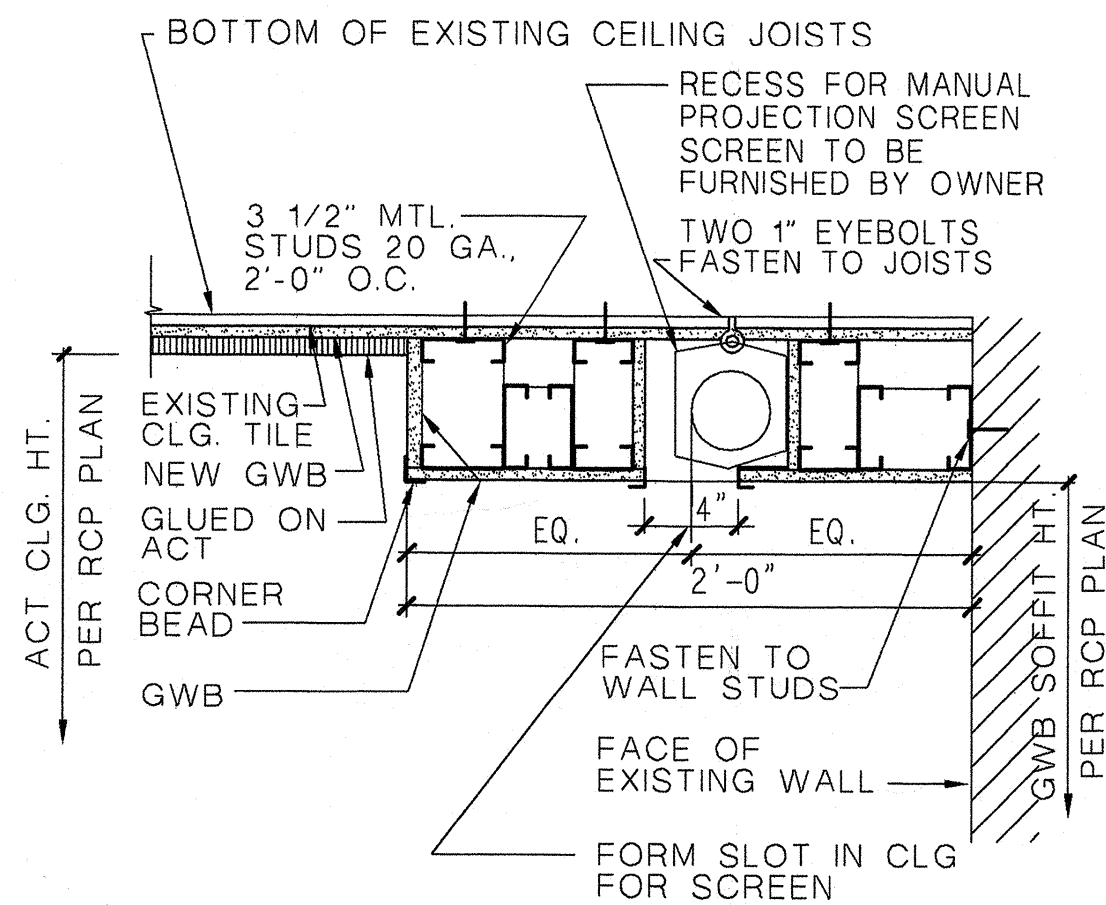
**A2.7**

NOTE: IF DRAWING SHEET IS NOT 24" X 36" THEN DRAWING IS NOT TO SCALE.



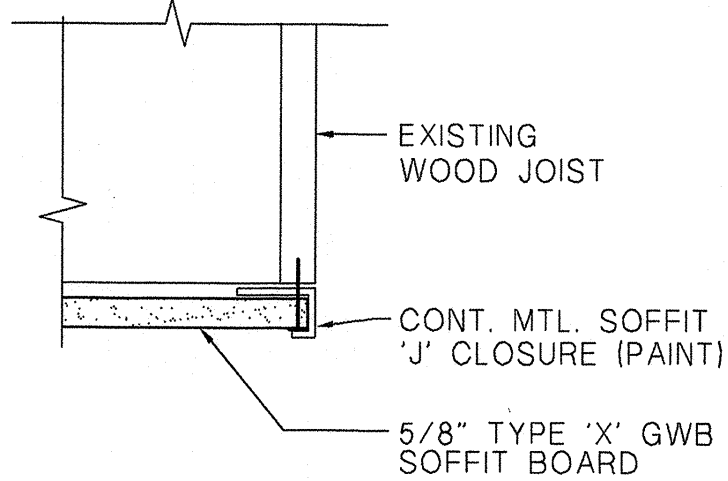
**1 D.R. SOFFIT**

SCALE: 1 1/2"=1'-0"



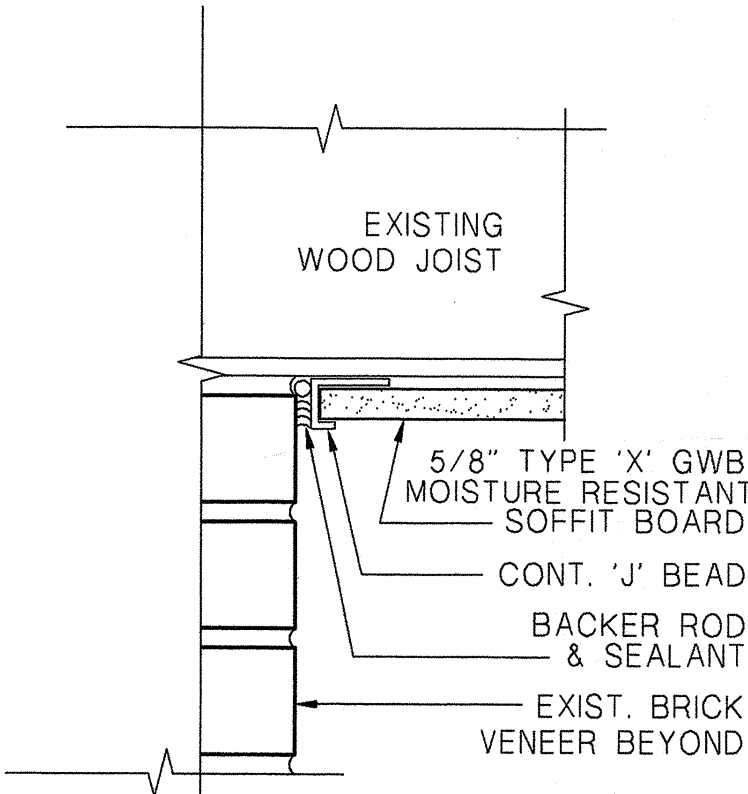
**2 PROJECTION SCREEN**

SCALE: 1 1/2"=1'-0"



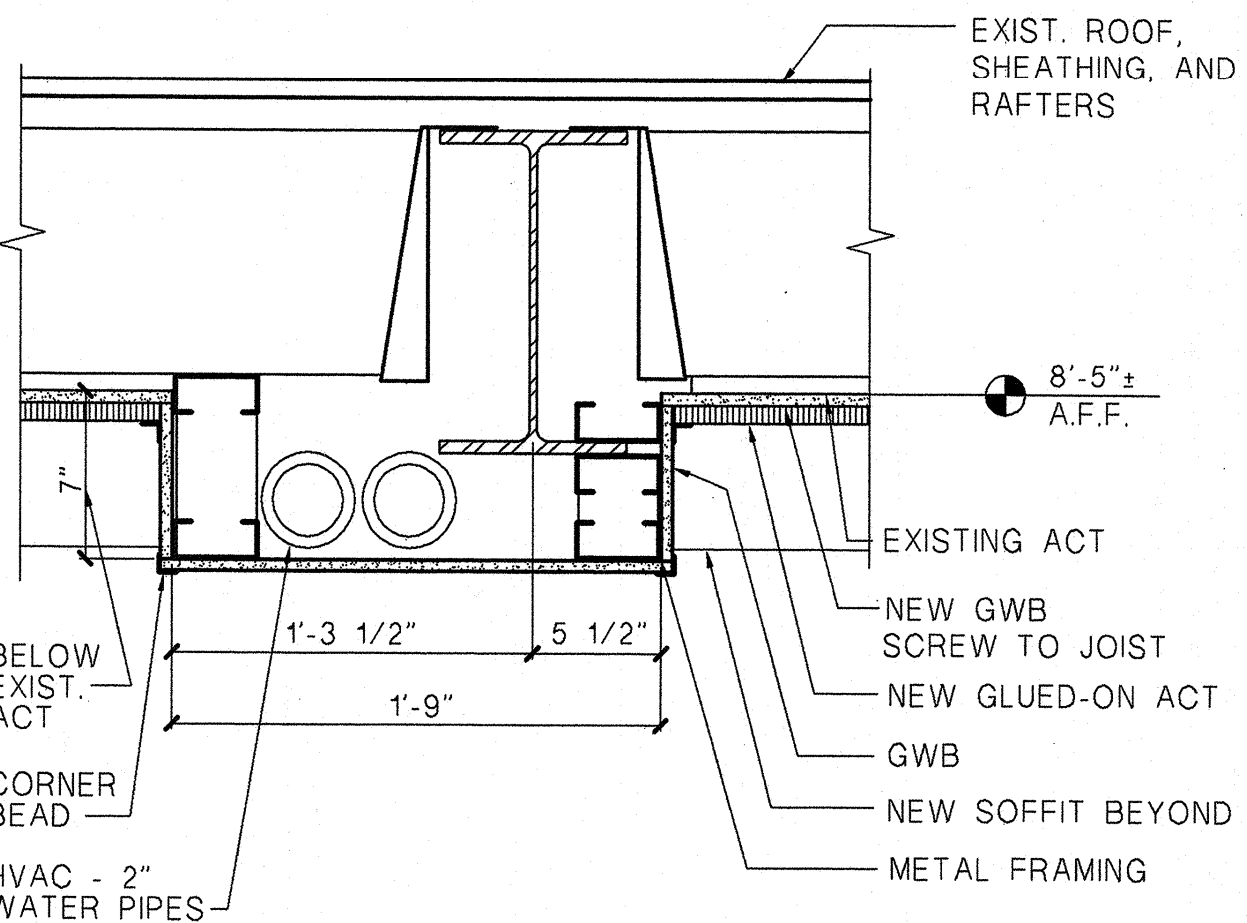
**3 SHED ROOF FASCIA**

SCALE: 1 1/2"=1'-0"



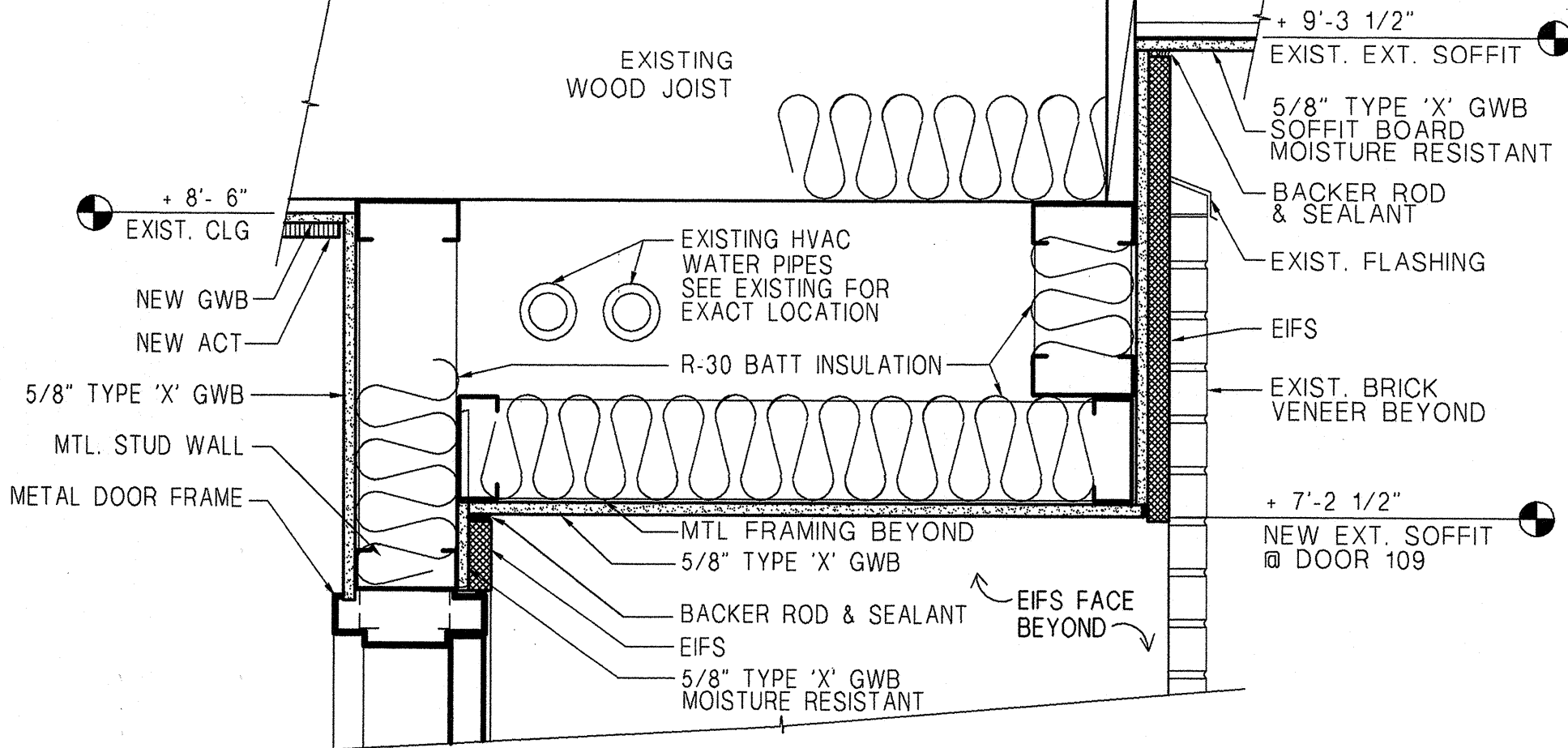
**4 SOFFIT @ BRICK**

SCALE: 1 1/2"=1'-0"



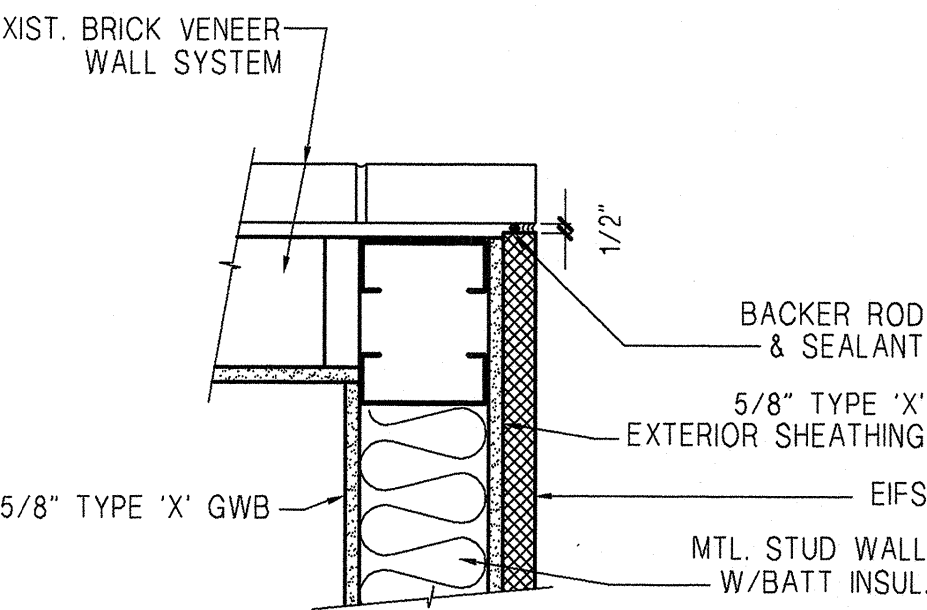
**5 D.R. BEAM SECTION**

SCALE: 1 1/2"=1'-0"



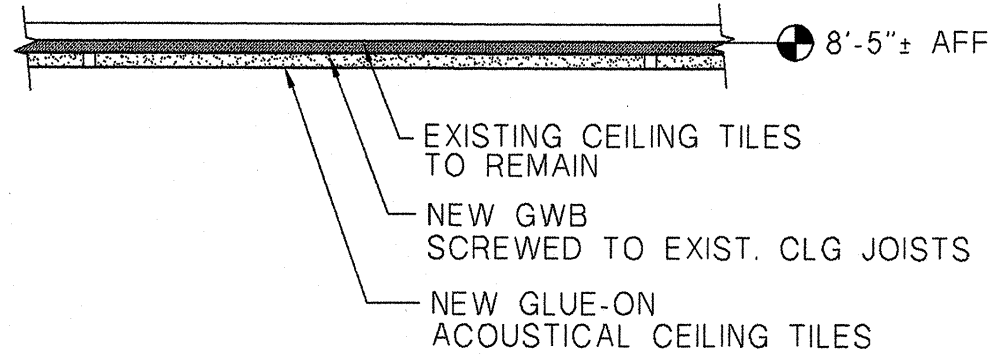
**7 NEW EXTERIOR SOFFIT/DOOR 109 HEAD**

SCALE: 1 1/2"=1'-0"



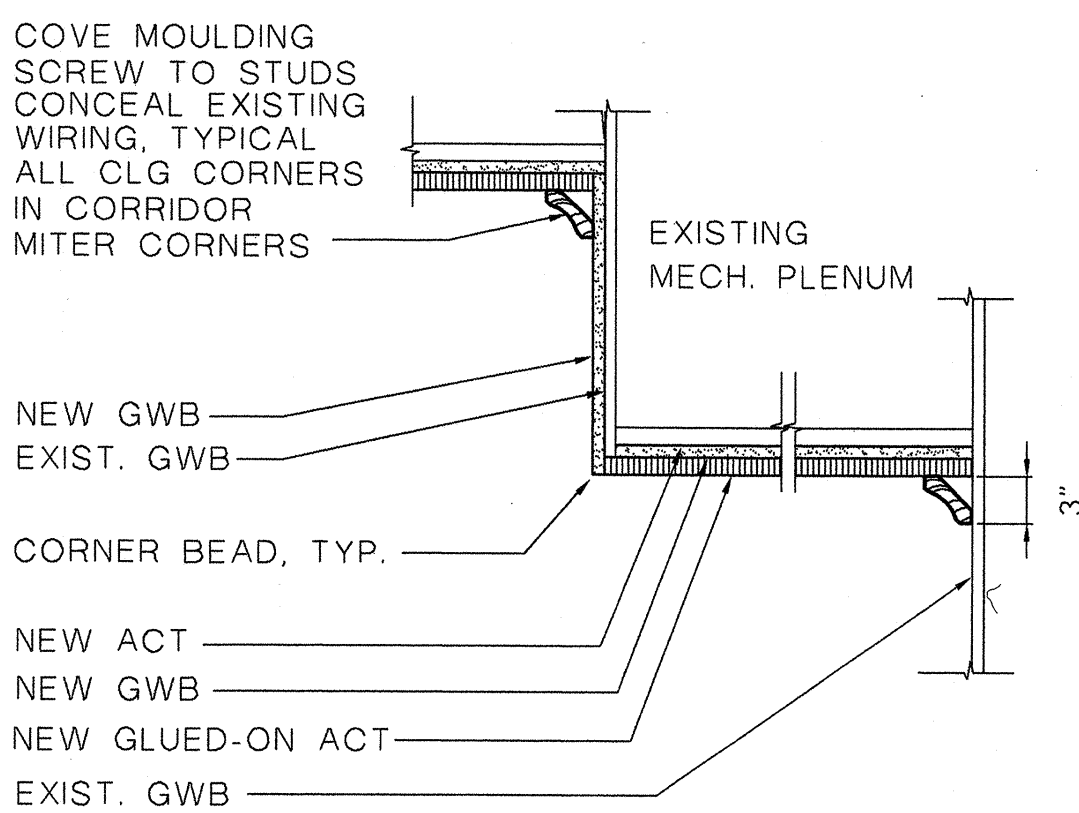
**8 NEW EXTERIOR WALL**

SCALE: 1 1/2"=1'-0"



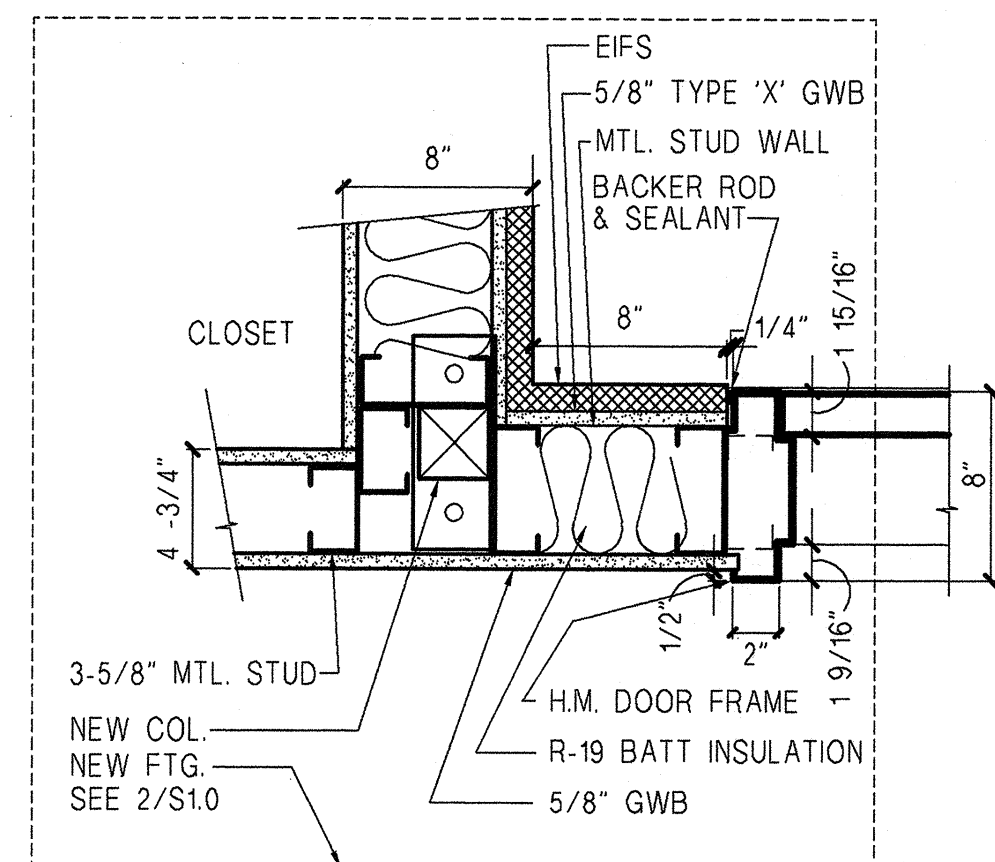
**11 DINING ROOM CEILING**

SCALE: 1 1/2"=1'-0"



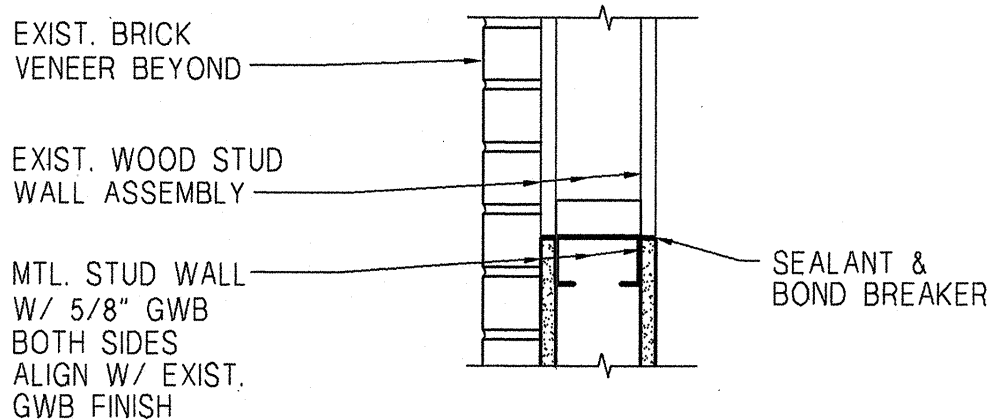
**12 DOOR 109 JAMB**

SCALE: 1 1/2"=1'-0"



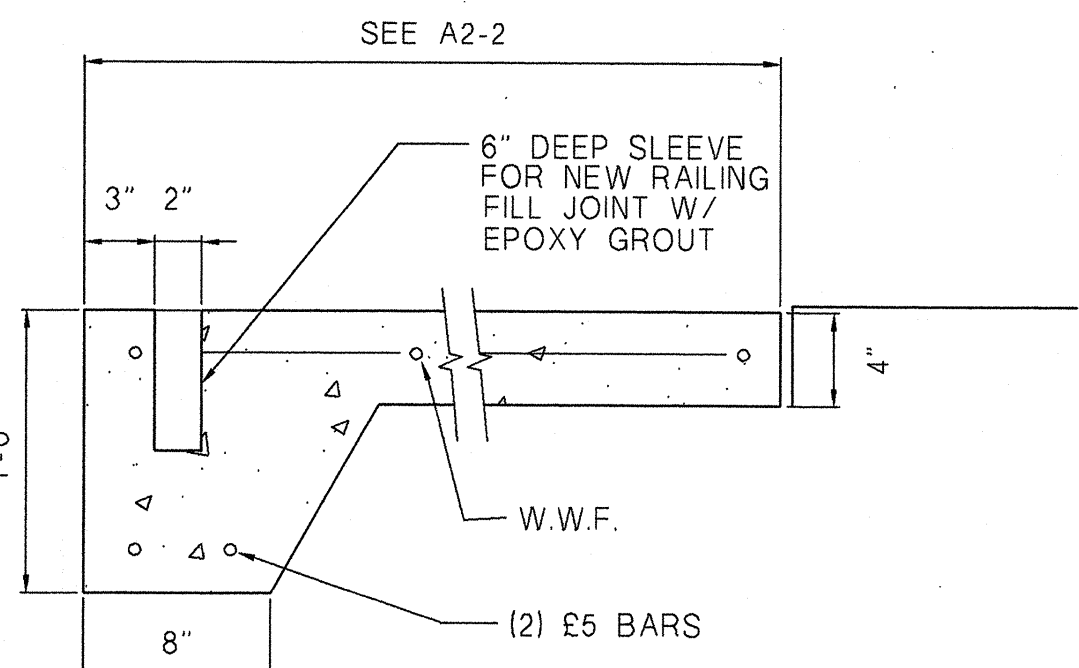
**16 JAMB@INFILL - LOBBY**

SCALE: 1 1/2"=1'-0"



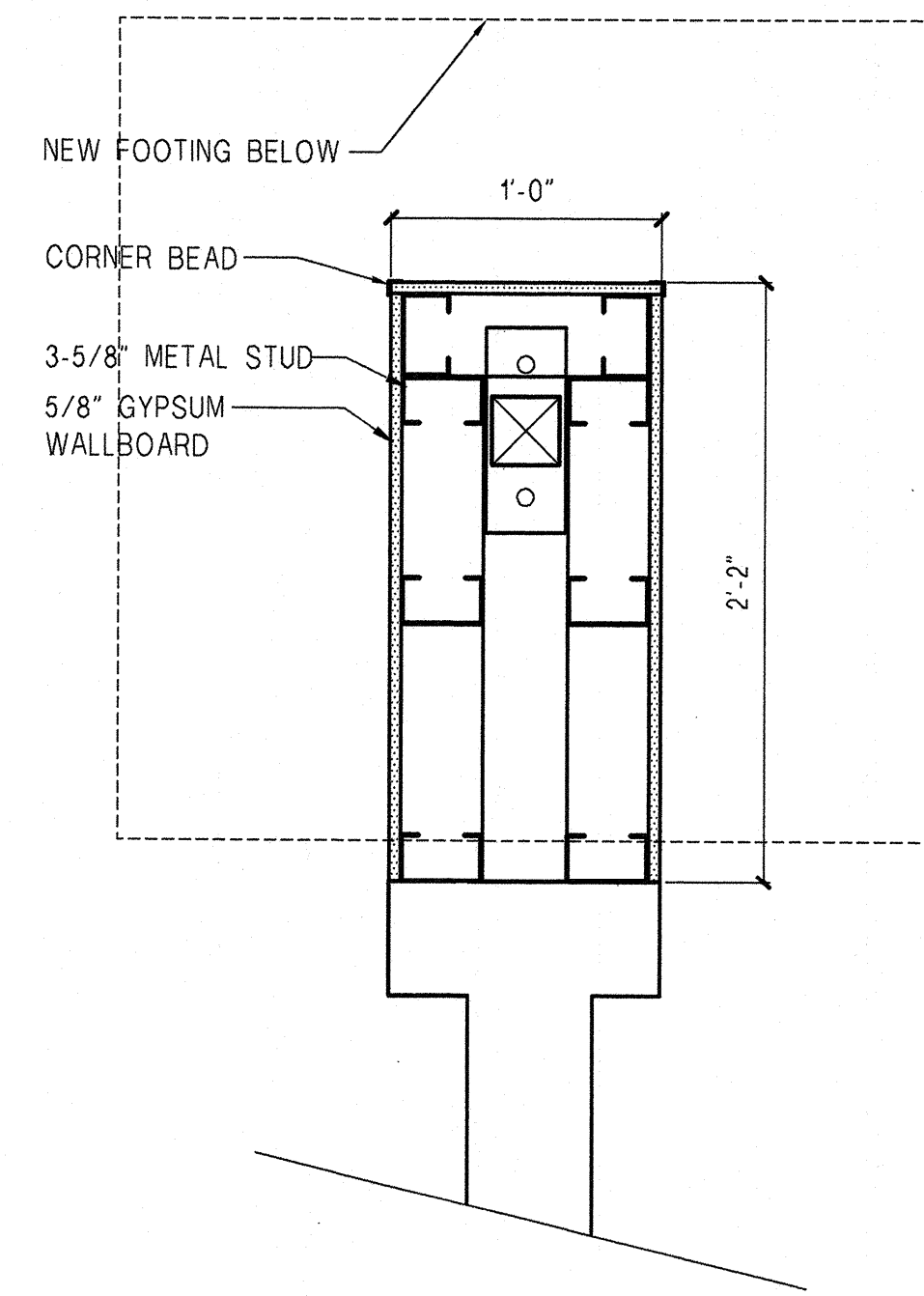
**15 HEAD@INFILL - LOBBY**

SCALE: 1 1/2"=1'-0"



**14 NEW LANDING**

SCALE: 1 1/2"=1'-0"



**13 DINING ROOM COLUMN**

SCALE: 1 1/2"=1'-0"

FILE: 9719.DWG  
TITLE: BLOCKING/DETAILS  
DATE: 6/22/98  
DRAWN: MJ  
CHECKED: MJ  
PROJECT NO.: 9719



# ELECTRICAL SYMBOLS & ABBREVIATIONS

## GENERAL

- ⑧ INDICATES NOTES THIS SHEET.
- XXX  
XXX REFERENCE TARGET, UPPER HALF INDICATES DETAIL'S NUMBER, LOWER HALF INDICATES DETAIL'S SHEET NO.
- P-31 PROVIDE AN INDIVIDUAL "HOME RUN" FROM THIS LOCATION TO THE PANEL AND CIRCUIT DESIGNATION INDICATED (i.e. PANEL "P", CIRCUIT #31). UNLESS OTHERWISE INDICATED ALL CONDUIT SHALL BE SIZED PER N.E.C. BY THE ELECTRICAL CONTRACTOR
- \$ (S) SWITCH - SINGLE POLE (SUBSCRIPTS a,b, etc., DENOTES FIXTURE CONTROLLED)
- \$3 3 WAY SWITCH
- \$P SWITCH - WITH PILOT LIGHT
- \$M MOTOR RATED DISCONNECT SWITCH
- PE PHOTOELECTRIC CONTROL

## LIGHTING

- FLUORESCENT FIXTURE, (SUBSCRIPT INDICATES SWITCHING CONTROL), EMERGENCY BALLAST.
- FLUORESCENT FIXTURE, (SUBSCRIPT INDICATES SWITCHING CONTROL).
- FLUORESCENT STRIP FIXTURE
- SURFACE MOUNTED FIXTURE
- WALL MOUNTED FLUORESCENT FIXTURE
- WALL MOUNTED FIXTURE
- RECESSED DOWNLIGHT.
- EMERGENCY WALL PACK FIXTURE
- WALL MOUNTED EXIT SIGN, FIXTURE TYPE "EX", SEE FIXTURE SCHEDULE
- EXIT SIGN - DIRECTIONAL ARROWS AS INDICATED, FIXTURE TYPE "EX", SEE FIXTURE SCHEDULE
- LIGHT FIXTURE TYPE DESIGNATION  
X = TYPE (SEE FIXTURE SCHEDULE)

## RECEPTACLES

- DUPLEX RECEPTACLE.
- DOUBLE DUPLEX RECEPTACLE.
- FLUSH FLOOR BOX WITH DUPLEX RECEPTACLE, WALKER #RFB SERIES WITH RFB4-FAKMI ACTIVATION COVER.

## EQUIPMENT

- MAIN DISTRIBUTION PANEL
- BRANCH CIRCUIT PANEL
- TELEPHONE TERMINAL BOARD (TTB)
- MOTOR CONNECTION.
- JUNCTION BOX.
- MECHANICAL EQUIPMENT (SEE SCHEDULE).
- DISCONNECT SWITCH

## ELECTRICAL RISER

- FUSED SWITCH
- CIRCUIT BREAKER
- FUSE OR CURRENT LIMITER
- TRANSFORMER
- GROUND
- METER
- FEEDER SIZE, SEE FEEDER SCHEDULE
- CONTACTOR

## COMMUNICATIONS

- SIMPLEX DATA OUTLET.

## FIRE ALARM

- SMOKE DETECTOR.

## SECURITY

- SECURITY SYSTEM KEYPAD.

## ABBREVIATIONS

- A.C. ABOVE COUNTER
- AFF ABOVE FINISHED FLOOR
- AG ABOVE GRADE
- AWG/BP AMERICAN WIRE GAUGE
- CB CIRCUIT BREAKER
- FA FIRE ALARM
- FBOIC FURNISHED BY OTHERS INSTALLED BY CONTRACTOR
- G, GRD GROUND
- GFI GROUND FAULT CIRCUIT INTERRUPTER
- HP HORSEPOWER
- IG ISOLATED GROUND
- J-BOX JUNCTION BOX
- N NEUTRAL
- NIC NOT IN CONTRACT
- NL NIGHT LIGHT, FIXTURE NOT SWITCHED
- PNL PANEL
- R RACEWAY
- RO RACEWAY ONLY
- RECEPT RECEPTACLE
- SPECS SPECIFICATIONS
- SW SWITCH
- SWBD SWITCHBOARD
- TELE TELEPHONE
- TTB TELEPHONE TERMINAL BOARD (TTB)
- TYP TYPICAL
- U.N.O. UNLESS NOTED OTHERWISE
- V VOLT
- VP VANDAL PROOF
- W WIRE OR WATT
- WP WEATHERPROOF
- # PHASE
- (E) EXISTING TO REMAIN
- (R) EXISTING TO BE REMOVED
- (ER) EXISTING TO BE RELOCATED

## FIXTURE SCHEDULE

- FS1 2' X 4' FLUORESCENT SURFACE MOUNTED FIXTURE, DIE-FORMED STEEL HOUSING, BAKED WHITE ENAMEL FINISH, ACRYLIC PRISMATIC LENS, TWO BALLASTS, METALUX 2K32A SERIES, DAY-BRITE OR VILLIAMS, LAMPS/3-32/T8/3500K, INPUT WATTS - 87.
- FS1E SAME AS FS1 EXCEPT WITH EMERGENCY BATTERY BALLAST, METALUX 2K32A SERIES, DAY-BRITE OR VILLIAMS, LAMPS/3-32/T8/3500K, INPUT WATTS - 87.
- FS2 FLUORESCENT SURFACE MOUNTED FIXTURE, DIE-CAST ALUMINUM HOUSING, DARK BRONZE FINISH, PRISMATIC POLYCARBONATE REFRACTOR, FULLY SEALED AND GASKETED, LUMARK PLVR SERIES OR APPROVED, LAMPS/2-28V/COMPACT FLUORESCENT, INPUT WATTS - 55.
- FS3 1' X 4' FLUORESCENT SURFACE MOUNTED FIXTURE, DIE-FORMED STEEL HOUSING, BAKED WHITE ENAMEL FINISH, ACRYLIC PRISMATIC LENS, METALUX MC-232A SERIES, DAY-BRITE OR VILLIAMS, LAMPS/2-32/T8/3500K, INPUT WATTS - 57.
- FS3E SAME AS FS3 EXCEPT WITH EMERGENCY BATTERY BALLAST, METALUX MC-232A SERIES, DAY-BRITE OR VILLIAMS, LAMPS/2-32/T8/3500K, INPUT WATTS - 57.
- FS4 FLUORESCENT SURFACE MOUNTED FIXTURE, 18" DIAMETER OPAL ACRYLIC BOWL, BRUSHED ALUMINUM TRIM RING, ADVENT AC2020 SERIES OR APPROVED, LAMPS/1-38V/COMPACT FLUORESCENT, INPUT WATTS - 37.
- FP1 FLUORESCENT PENDANT MOUNTED FIXTURE, 24" DIAMETER OPAL ACRYLIC BOWL, BRUSHED ALUMINUM TRIM RING, ADVENT AP1015 SERIES OR APPROVED, LAMPS/1-39V/BIAX/3500K, INPUT WATTS - 43.
- FR1 FLUORESCENT RECESSED BAFFLED DOWNLIGHT, 7" NOMINAL APERTURE, SPECULAR PARABOLIC CROSS BAFFLE, FLANGE TO MATCH CEILING TYPE, EDISON PRICE BAFLUX/7 SERIES, CAPRI OR HALO, LAMPS/2-9V/TT/3500K, INPUT WATTS - 21.
- EX FLUORESCENT POLYCARBONATE EXIT FIXTURE, LEAD ACID BATTERY, SINGLE OR DOUBLE FACED, WHITE HOUSING FINISH, GREEN LETTERS, WITH ARROWS AS INDICATED ON DRAWINGS, SURE-LITES CCX-4 SERIES, EMERGLITE OR DUAL-LITE, LAMPS/2-5V/PL, INPUT WATTS - 16.

### GENERAL FIXTURE NOTES:

- PROVIDE FIRE BONNETS FOR ALL RECESSED FIXTURES MOUNTED IN FIRE RATED CEILINGS.
- ALL FLUORESCENT BALLAST'S SHALL BE ELECTRONIC.
- EMERGENCY BATTERY BALLAST'S SHALL BE IOTA 180 OR APPROVED EQUAL, PROVIDE ADDITIONAL CONDUCTORS FOR AN UNSWITCHED SOURCE OF POWER.
- PROVIDE ALL MOUNTING HARDWARE, FLANGES, STEMS, SLOPE CEILING ADAPTERS, SVIVEL HANGERS, ETC. FOR THE CEILING CONSTRUCTION TYPE.
- VERIFY SUPPLY VOLTAGE FOR ALL FIXTURES WITH DRAWINGS.

## GENERAL NOTES

- THE CONTRACTOR SHALL NOT SCALE ELECTRICAL DRAWINGS. REFER TO ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS AND EXACT LOCATIONS.
- BEFORE SUBMITTING A BID, THE CONTRACTOR MUST VISIT SITE AND REVIEW THE CONDITIONS THAT AFFECT THE WORK SHOWN. THE EXISTING CONDITIONS ARE BASED ON DRAWINGS BY OTHERS AND CASUAL FIELD OBSERVATION. ALTHOUGH THIS INFORMATION IS BELIEVED TO BE RELIABLE, THE ENGINEER IS NOT RESPONSIBLE FOR ITS ACCURACY.
- CONTRACTOR IS RESPONSIBLE FOR CORE DRILLING, CUTTING, PATCHING, FIRE STOPPING, ETC. AS REQUIRED.
- POWER OUTAGES MUST BE APPROVED IN WRITING BY THE OWNER AT LEAST TWO DAYS PRIOR TO THE OUTAGE. THE OWNER SHALL DICTATE TO THE CONTRACTOR ALL TIME WINDOWS AVAILABLE FOR SUCH OUTAGES.
- CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL EXISTING CIRCUITS AND WIRING FOR EXISTING DEVICES AND EQUIPMENT TO REMAIN. ALL CIRCUITS, SWITCHING, ETC. THAT IS IN OR PASSES THROUGH THE CONSTRUCTION AREA AND SERVES AREAS OUTSIDE THE CONSTRUCTION AREA MUST BE MAINTAINED OR MODIFIED AS REQUIRED.
- THE DRAWINGS ARE DIAGRAMMATIC AND DO NOT SHOW EXACT DETAILS. INCLUDE LABOR AND MATERIALS REQUIRED TO COMPLETE THE WORK INDICATED.
- WORK OF OTHER TRADES AND EXISTING CONDITIONS: THE ELECTRICAL DRAWINGS DO NOT SHOW COMPLETE DETAILS OF THE BUILDING CONSTRUCTION. REFER TO THE DRAWINGS OF OTHER DISCIPLINES FOR DETAILS WHICH MAY AFFECT THE EXECUTION OF THIS WORK. FIELD VERIFY EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF WORK.

NOTE: IF DRAWING SHEET IS NOT 24" X 36" THEN DRAWING IS NOT TO SCALE.

## ENERGY BUDGET CALCULATION

1994 Washington State Nonresidential Energy Code Compliance Form  
Lighting Summary LTG-SUM

Project Info: Central Area Senior Center  
500 30th Ave. South  
Seattle, WA 98144  
Applicant Name: Path Engineers, Inc. Contact: Carl Maehl  
Applicant Address: 17928 Bothell-Ext Hwy S.E., Ste H, Bothell, WA 98012  
Applicant Phone: (425) 481-7735

Date: March 27, 1998  
For Building Department Use

Project Description: ☐ New Building ☐ Addition ☒ Alteration

Compliance Option: ☐ Prescriptive ☒ Lighting Power Allowance ☐ Systems Analysis  
(See Qualification Checklist, Indicate Prescriptive & LPA spaces clearly on plans.)

Alteration Exceptions: No changes are being made to the lighting  
(check appropriate box) Less than 60% of the fixtures are new, and installed lighting wattage is not being increased

Maximum Allowed Lighting Wattage (Interior)

Location (Floor/room number)	Occupancy Description	Allowed Watts per square foot	Area in S.F.	Allowed by Area
101	Dining Room	1.5	2224	3336
102	Corridor	1.2	1088	1305.6
103	Reception	1.2	309	370.8
104	Solarium	1	758	758
				0
				0
				5770.4

From Table 15-1 - including all exceptions taken from footnotes.

Proposed Lighting Wattage (Interior) (May not exceed Total Watts for Interior)

Location (Ftr, room no.)	Fixture Description	Number of Fixtures	Watts/ Fixture	Watts Proposed
101	FS1 - 2X4 SURFACE MTD, 3 LAMP	24	87	2088
101	FS1E - 2X4 3 LAMP, EMER BALLAST	5	87	435
101	FR1 - RECESSED CAN LT	12	21	252
102	FS3 - 1X4 SURFACE MTD, 2 LAMP	6	57	342
102	FS3E - 1X4 2 LAMP, EMER BALLAST	5	57	285
103	FP1 - FLUORESCENT PENDANT	4	43	172
104	FS4 - FLUORESCENT SURF. MOUNTED	8	37	296
				0
				3870

Total Proposed Watts may not exceed Total Allowed Watts for Interior.

Maximum Allowed Lighting Wattage (Exterior)

Location	Description	Allowed watts per ft2 or per ft or if for perimeter	Area in ft2	Allowed watts Area
Covered Parking		0.2 W/ft2		0
Open Parking		0.2 W/ft2		0
Outdoor Areas		0.2 W/ft2		0
Bldg (or facade)		0.25 W/ft2		0
Bldg (or perim)	Bldg Perimeter	7.5 W/ft	450	3375
				3375

Note: for building exterior, choose either the facade area or the perimeter method, but not both

Proposed Lighting Wattage (Exterior) (May not exceed Total Watts for Exterior)

Location	Fixture Description	Number of Fixtures	Watts/ Fixture	Watts Proposed
Bldg Mounted	FS2 - FLUORESCENT SURF MTD	2	55	110
				0
				110

Total Proposed Watts may not exceed Total Allowed Watts for Exterior.

Prescriptive Spaces

Qualification Checklist

Lighting Fixtures: Check here if at least 95% of the fixtures in the space meet all four criteria:

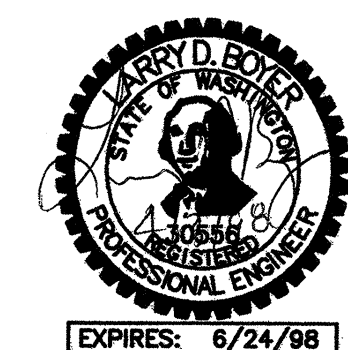
Note: If occupancy type is "other" and fixture answer is checked, the number of fixtures in the space is not limited by Code. Clearly indicate these spaces on plans. If not qualified, do LPA Calculations

1. Fixtures are fluorescent, non-lensed, with only one or two lamps, and
2. Lamps are T-5, T-8, T-8 or PL, and
3. Lamps are 5-50 Watts, and
4. Ballasts are electronic ballasts

NOTE: This form is intended for energy code compliance purposes only. The contractor is still responsible for establishing the exact number of each type of fixture on this project. This form shall not be utilized for such purposes.

## ELECTRICAL DRAWING INDEX

- E0.1 ELECTRICAL SYMBOLS & ABBREVIATIONS
- E1.1 ELECTRICAL DEMOLITION PLAN
- E2.1 LIGHTING PLAN
- E3.1 POWER PLAN
- E4.1 ONE-LINE DIAGRAM



17928 BOTHELL EVERETT HWY SE, SUITE H  
BOTHELL, WASHINGTON 98012  
(425) 481-7735 FAX (425) 481-7692  
CONTACT: CARL MAEHL  
JOB NUMBER: 7134

**D&A**  
DONALD KING ARCHITECTS

2107 Elliott Avenue Suite 305  
Seattle, WA 98121  
PHONE (206) 443-9939  
FAX (206) 443-9891

## CENTRAL AREA SENIOR CENTER

500 30th Avenue South  
Seattle, WA 98144

## CONSTRUCTION DOCUMENTS 4/7/98

REVISIONS		
NO.	DATE	DESCRIPTION

## ELECTRICAL SYMBOLS & ABBREVIATIONS

DRAWN: CM/GB  
CHECKED: LDB  
PROJECT NO.: 7134

S H E E T

# E1.0



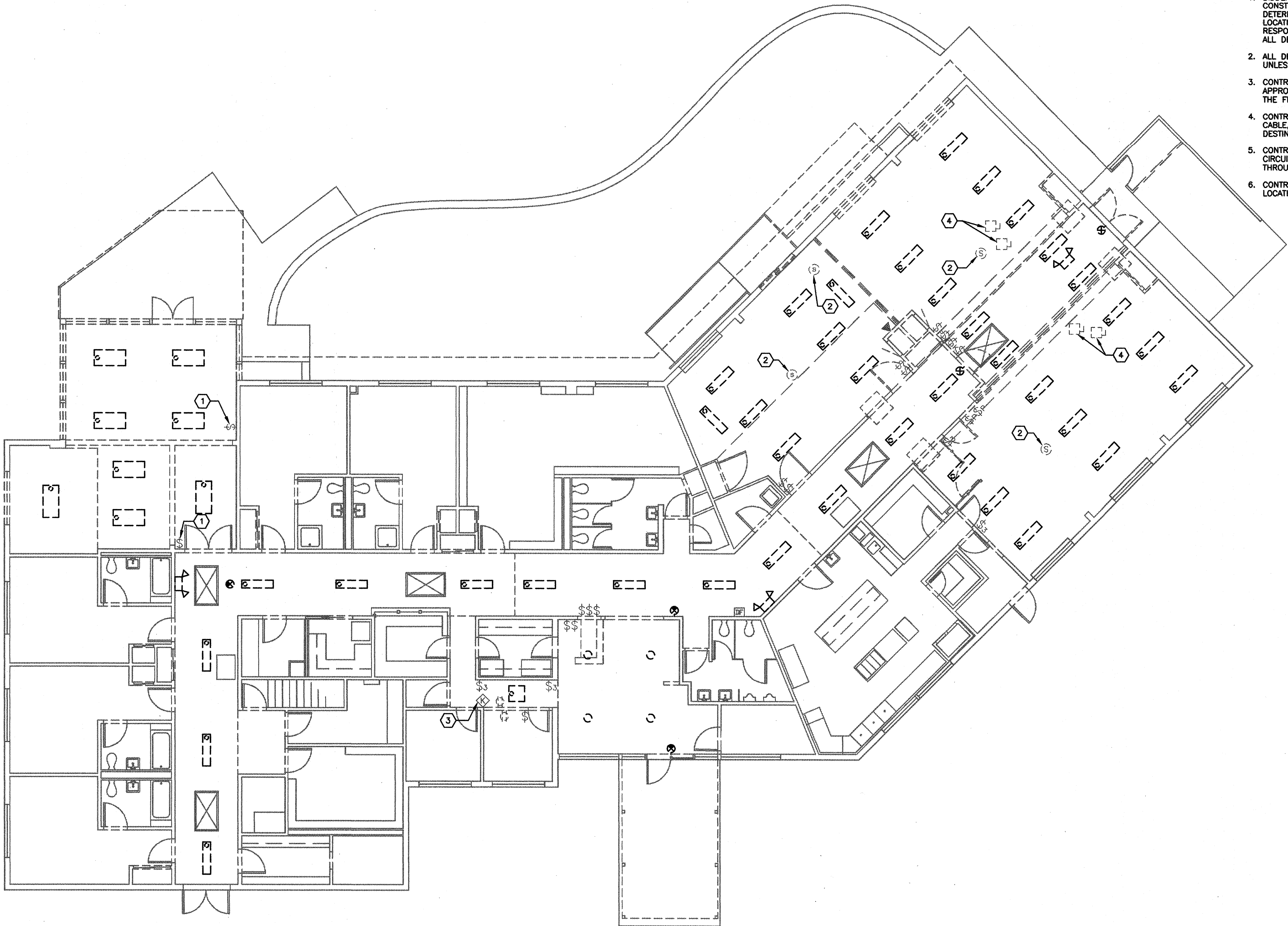
NOTE: IF DRAWING SHEET IS NOT 24" X 36" THEN DRAWING IS NOT TO SCALE.


NOTES THIS SHEET:

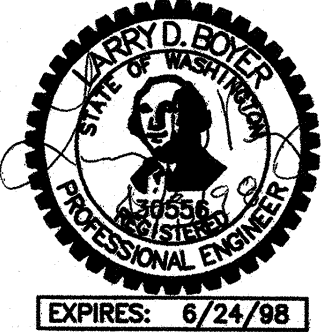
- 1. EXISTING LIGHTING CIRCUIT AND SWITCH FOR THIS ROOM ARE TO BE
- 2. EXISTING SMOKE DETECTOR TO REMAIN. REMOVE AND RE-INSTALL AFTER CEILING WORK IS COMPLETED.
- 3. EXISTING SECURITY SYSTEM KEYPAD TO BE RELOCATED. SEE SHEET E3.1 FOR NEW LOCATION.
- 4. REMOVE DISCONNECT SWITCH AND FEEDERS FOR ROOFTOP UNITS AND HEATERS BEING REMOVED.

DEMOLITION NOTES

- 1. BIDDER IS EXPECTED TO VISIT THE SITE OF PROPOSED CONSTRUCTION TO VERIFY AND INSPECT THE EXISTING SITE TO DETERMINE THE EXTENT OF DEMOLITION WORK. QUANTITY AND LOCATION OF DEVICES ARE APPROXIMATE. CONTRACTOR IS RESPONSIBLE FOR VERIFYING EXISTING CONDITIONS AND REMOVING ALL DEVICES NOT BEING RE-USED IN THE FINAL DESIGN.
- 2. ALL DEVICES INDICATED ON DEMOLITION PLANS ARE TO BE REMOVED UNLESS NOTED OTHERWISE.
- 3. CONTRACTOR SHALL REMOVE AND PROPERLY DISPOSE OF, IN AN APPROVED MANNER, ALL EXISTING ELECTRICAL SYSTEMS NOT USED IN THE FINAL DESIGN.
- 4. CONTRACTOR SHALL REMOVE ALL ASSOCIATED CONDUIT, BOXES, CABLE, ETC. BACK TO THEIR POINT OF ORIGIN AND/OR DESTINATION.
- 5. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING CONTINUITY OF ALL CIRCUITS NOT INVOLVED IN DEMOLITION AND ALL CIRCUITS PASSING THROUGH THE CONSTRUCTION AREA AND FEEDING OTHER AREAS.
- 6. CONTRACTOR IS RESPONSIBLE FOR PATCHING OF WALL IN ALL LOCATIONS WHERE OUTLETS/DEVICES ARE REMOVED.



 1. ELECTRICAL DEMOLITION PLAN  
E1.1 SCALE: 1/8" = 1'-0"



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JOB NUMBER: 7134

**D/A**  
DONALD HING ARCHITECTS  
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PHONE (206) 443-9939  
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**CENTRAL AREA  
SENIOR CENTER**  
500 30th Avenue South  
Seattle, WA 98144

**CONSTRUCTION  
DOCUMENTS  
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NO.	DATE	DESCRIPTION

**ELECTRICAL  
DEMOLITION  
PLAN**

DRAWN: GM/GB  
CHECKED: LDB  
PROJECT NO.: 7134

S H E E T

**E1.1**

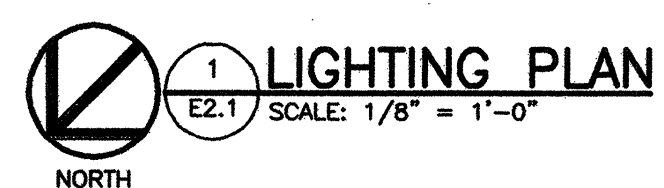


NOTES THIS SHEET:

- 1 EXISTING LIGHTING FIXTURE. EXTEND EXISTING LIGHTING CIRCUIT TO NEW SWITCH.
- 2 NEW LIGHTING FIXTURES IN THIS ROOM ARE TO BE MOUNTED IN SAME LOCATION AS FIXTURES BEING REMOVED. EXISTING LIGHTING CIRCUIT AND SWITCH ARE TO BE RE-USED.
- 3 FIXTURE TO BE CONTROLLED BY NEW PHOTO ELECTRIC CELL.
- 4 PROVIDE AND INSTALL A TORK 2100 SERIES PHOTO ELECTRIC CELL. LOCATE ON ROOF.

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**CONSTRUCTION  
DOCUMENTS  
4/7/98**

[illegible]

## LIGHTING PLAN

DRAWN: CM/GB  
CHECKED: LDB  
PROJECT NO.: 7134

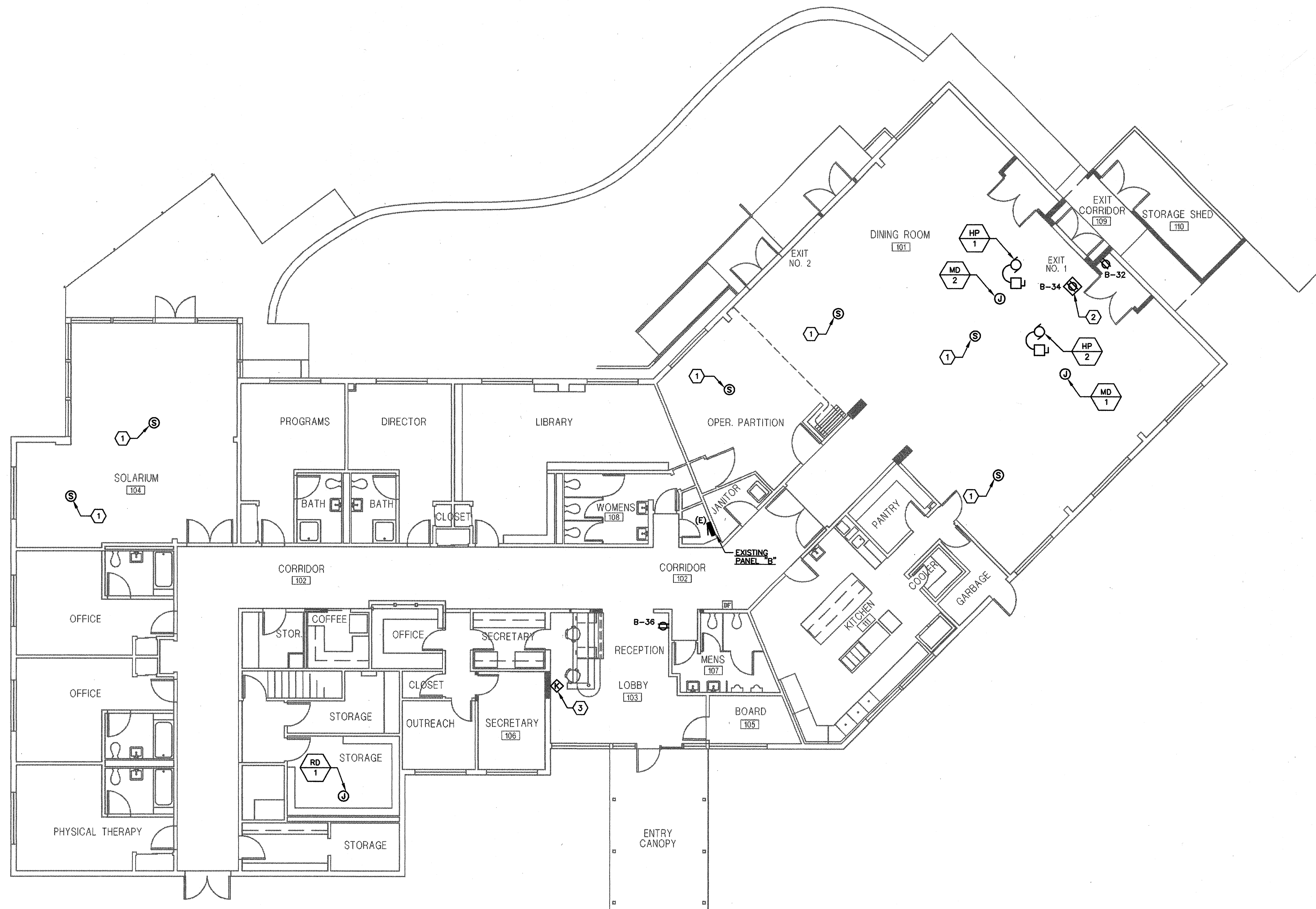
## E2.1



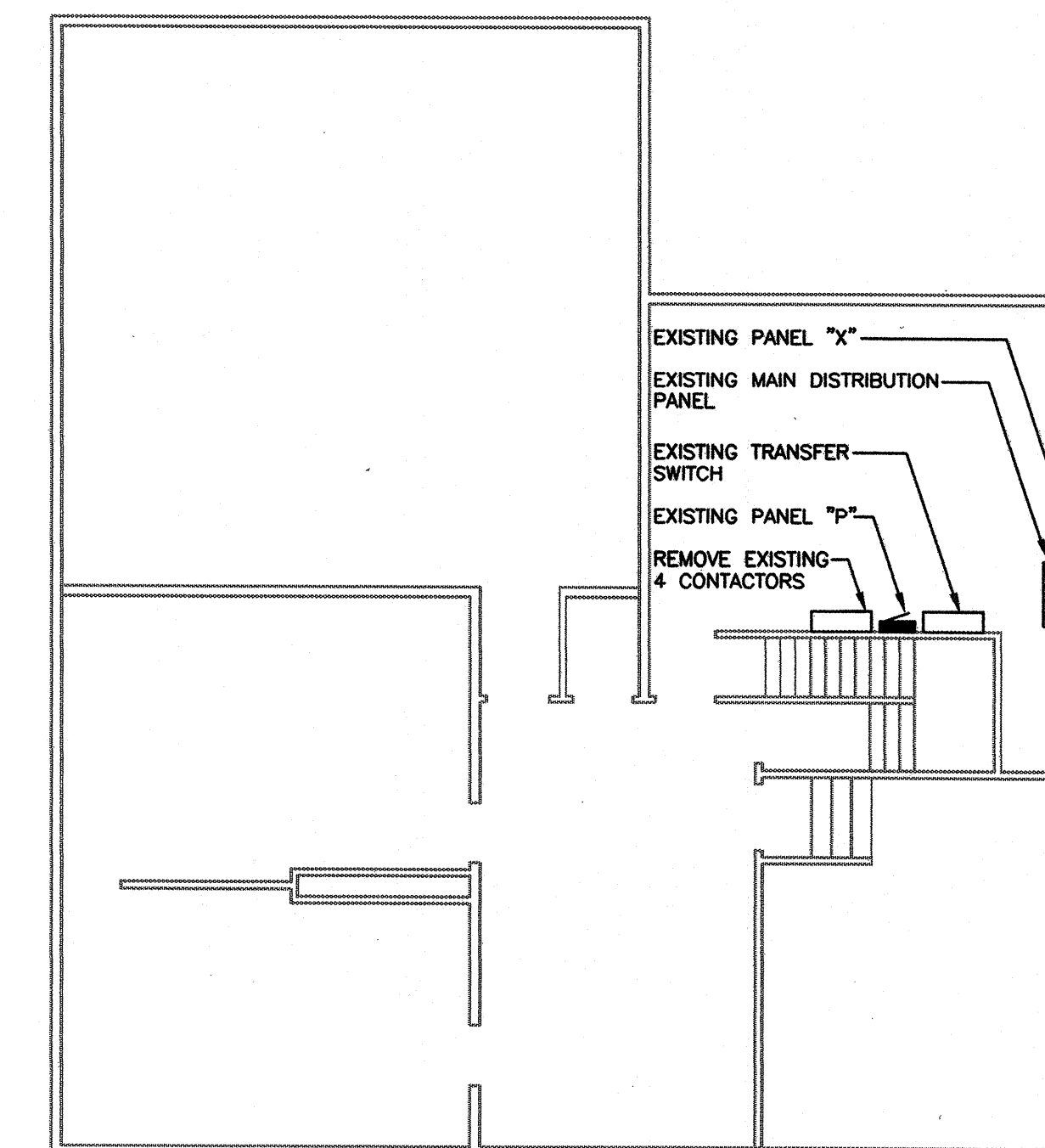
NOTE: IF DRAWING SHEET IS NOT 24" X 36" THEN DRAWING IS NOT TO SCALE.

# NOTES FOR SHEET:

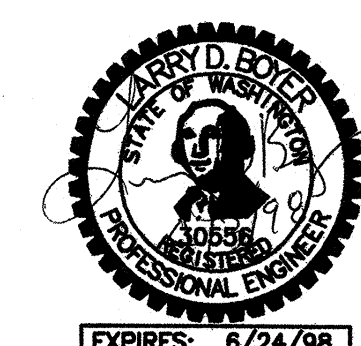
- EXISTING SMOKE DETECTOR TO BE REMOVED AND RE-INSTALLED AFTER NEW CEILING WORK IS COMPLETED. EXTEND CABLING AND RACEWAY AS REQUIRED.
- CONFIRM EXACT LOCATION OF FLOOR BOX WITH ARCHITECT PRIOR TO ROUGH-IN.
- NEW LOCATION FOR RELOCATED SECURITY SYSTEM KEYPAD. REVISE AND EXTEND EXISTING WIRING AS REQUIRED AND CONNECT COMPLETE. FIELD VERIFY REQUIREMENTS.



**POWER PLAN**  
E2.1 SCALE: 1/8" = 1'-0"  
NORTH



**PARTIAL BASEMENT PLAN**  
E2.1 SCALE: 1/8" = 1'-0"  
NORTH



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## CENTRAL AREA SENIOR CENTER

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## CONSTRUCTION DOCUMENTS 4/7/98

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## POWER PLAN

DRAWN: CM/GB  
CHECKED: LDB  
PROJECT NO.: 7134

**E3.1**



NOTE: IF DRAWING SHEET IS NOT 24" X 36" THEN DRAWING IS NOT TO SCALE.



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### CONNECTED LOADS:

LIGHTING, NEW AND EXISTING	18.6 KVA
RECEPTACLES	13.7 KVA
DRYER AND WASHER	6.5 KVA
KITCHEN EQUIPMENT	56.9 KVA
HEATING	15.0 KVA
MOTORS	19.7 KVA
TOTAL = 130.4 KVA	

### MECHANICAL EQUIPMENT SCHEDULE

EQUIP. NO.	DESCRIPTION	LOCATION	CIRCUIT	PH.	WIRE	VOLTAGE	AMPS	KW	HP	NOTES
HP-1	HEAT PUMP	ROOF	P-1,3,5	3	4	208	53.4 MCA			1,15
HP-2	HEAT PUMP	ROOF	P-2,4,6	3	4	208	53.4 MCA			1,15
MD-1	MOTORIZED DAMPER	ROOF	B-38	1	12	120		0.1		3,15
MD-2	MOTORIZED DAMPER	ROOF	B-38	1	12	120		0.1		3,15
RD-1	REFRIGERATED AIR DRYER	STORAGE ROOM	B-38	1	12	120		0.27		3

SEE MECHANICAL DRAWINGS FOR LOCATIONS OF ALL MECHANICAL EQUIPMENT.

F.B.O. = FURNISHED BY OWNER

F.B.M.C. = FURNISHED BY MECH. CONTRACTOR

I.B.E.C. = INSTALLED BY ELECTRICAL CONTRACTOR.

#### SCHEDULE NOTES:

1. NON FUSED DISCONNECT
2. FUSED DISCONNECT
3. H.P. RATED SWITCH
4. TOGGLE SWITCH
5. MANUAL STARTER
6. MAGNETIC STARTER
7. STARTER F.B.O. I.B.E.C.
8. DISCONNECT F.B.O. I.B.E.C.

9. CONTROL DEVICE F.B.O. I.B.E.C.
10. VARIABLE FREQUENCY DRIVE
11. SWITCH WITH ROOM LIGHTS
12. LOW VOLTAGE CONTROL BY OTHERS
13. LOCATE CONTROL ADJACENT TO ROOM SWITCH
14. NEMA 1
15. NEMA 3R

### EXISTING LIGHTING CLASS PANELBOARD B

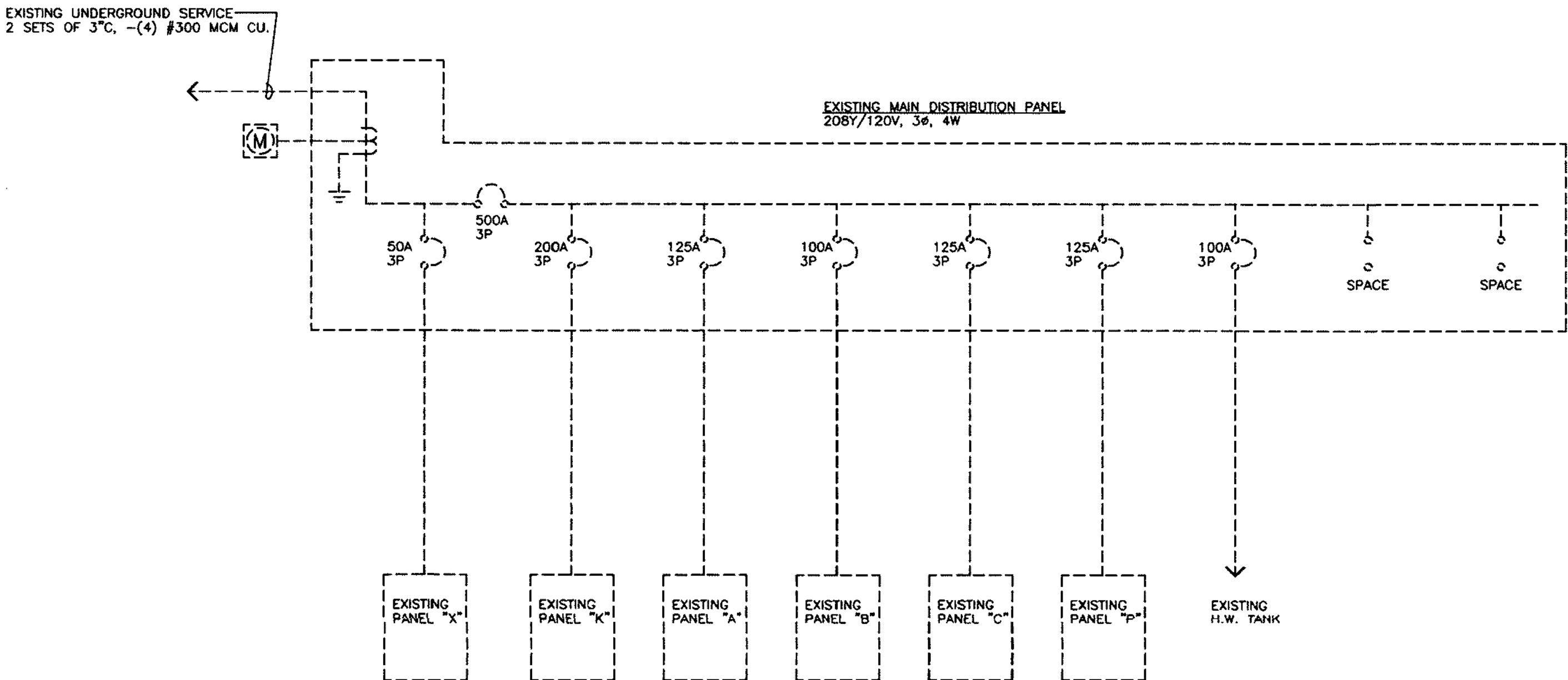
208/120 VOLT / 3 PHASE / 4 WIRE							200 AMP MLO		MOUNTING: SURFACE		
1 SECTION: SINGLE LUGS											
LOAD VA	SERVES		WIRE	C.B.	OKT	PH	OKT	C.B.	WIRE	SERVES	LOAD VA
	EXISTING		20/1	1	*	2	20/1		EXISTING		
	EXISTING		20/1	3	*	4	20/1		EXISTING		
	EXISTING		20/1	5	*	6	20/1		EXISTING		
	EXISTING		20/1	7	*	8	20/1		EXISTING		
	EXISTING		20/1	9	*	10	20/1		EXISTING		
	EXISTING		20/1	11	*	12	20/1		EXISTING		
	EXISTING		20/1	13	*	14	20/1		EXISTING		
	EXISTING		20/1	15	*	16	20/1		EXISTING		
	EXISTING		20/1	17	*	18	20/1		EXISTING		
	EXISTING		/3	19	*	20	0/3		EXISTING		
----				21	*	22	----		----		
----				23	*	24	----		----		
	EXISTING		/3	25	*	26	20/1		EXISTING		
----				27	*	28	20/1		EXISTING		
----				29	*	30	20/1		EXISTING		
1535	LTG DINING ROOM		20/1	31	*	32	20/1		REC DINING ROOM		180
1220	LTG DINING ROOM		20/1	33	*	34	20/1		FLOOR BOX REC DINING		180
800	LTG CORRIDOR		20/1	35	*	36	20/1		REC RECEPTION		180
110	EXTERIOR LTG		20/1	37	*	38	20/1		MD-1 MD-2 RD-1		470
	SPACE			39	*	40			SPACE		
	SPACE			41	*	42			SPACE		

### EXISTING LIGHTING CLASS PANELBOARD P

208/120 VOLT / 3 PHASE / 4 WIRE										125 AMP MLO		MOUNTING: SURFACE	
1 SECTION: SINGLE LUGS													
LOAD VA	SERVICES	WIRE	C.B.	OKT	PH	OKT	C.B.	WIRE	SERVICES	LOAD VA			
** 19200	HP-1		60/3	1	*	2	60/3		HP-2	19200	**		
				3	*	4							
				5	*	6							
	SPARE		50/3	7	*	8	50/3		SPARE				
				9	*	10							
				11	*	12							

#### NOTE:

\*\* - DENOTES PROVIDE NEW CIRCUIT BREAKER SIZED AS INDICATED

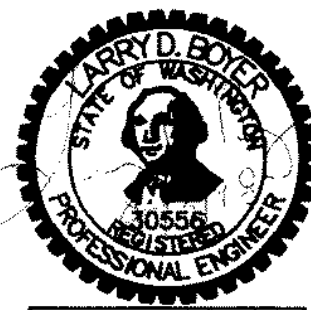


### ONE-LINE DIAGRAM

E4.1 NOT TO SCALE

#### NOTE:

1. EXISTING EQUIPMENT IS SHOWN DASHED.



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JOB NUMBER: 7134

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### ONE-LINE DIAGRAM

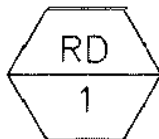
DRAWN: CM/GB  
CHECKED: LDB  
PROJECT NO.: 7134

**E4.1**



HEAT PUMP SCHEDULE																
TAG	MODEL	CFM	NOMINAL TONS	NET COOLING* CAP. @ 95°F BTUH	SEER*	NET HEATING* CAP. @ 47°F BTUH	COP* @ 47°F BTUH	NET HEATING* CAP. @ 17°F BTUH	COP* @ 17°F BTUH	HSPF	SOUND RATINGS (BELS)	WEIGHT LBS.	VOLTAGE	ELECTRIC HEAT KW	HEATER FLA	MCA
 HP 1	CARRIER 50HX048	1600	4	47,500	12.0	44,000	3.5	23,600	2.0	7.0	8.2	411	208V-3Ø	7.5	20.8	27.4
 HP 2	CARRIER 50HX048	1600	4	47,500	12.0	44,000	3.5	23,600	2.0	7.0	8.2	411	208V-3Ø	7.5	20.8	27.4
*RATED IN ACCORDANCE WITH ARI STANDARD 210/240, LATEST REVISION AND/OR U.S. GOVERNMENT DOE TEST PROCEDURES. **RATED IN ACCORDANCE WITH ARI STANDARD 270, LATEST REVISION.																

AIR DEVICE SCHEDULE						
DEVICE NO.	AIR QTY (CFM)	BORDER TYPE	NECK SIZE	FACE SIZE	TITUS MODEL NO.	NOTES
 A	270	1	9X9	14X14	TDC	2.,3.
NOTES: 1. PERFORATED PLATE FACE, WITH SEISMIC CLIPS. 2. PROVIDE OPPOSED BLADE VOLUME CONTROL DAMPER. 3. PROVIDE OFF-WHITE FINISH FOR FACE PLATES, FRAME, AND LOUVER BARS. 4. PROVIDE ROUND TO SQUARE ADAPTER AT DIFFUSER NECK. 5. PROVIDE OFF-WHITE FINISH FROM FRAME AND FACE PLATE, FLAT BLACK FOR EXPOSED TO VIEW INTERNAL PARTS.						

REFRIGERATED COMPRESSED AIR DRYER							
250 PSIG MAX PRESSURE, EPA APPROVED, SMOOTH NON-FOULING HEAT EXCHANGER TUBES, PRECOOLER, REHEATER, UL AND CSA APPROVED, 99.9% EFFICIENT SEPERATOR, AUTO CONDENSATE DRAIN.							
DEVICE NO.	MAX AIR COMPRESSOR HP	CAPACITY(SCFM) @ PRESSURE DEW POINTS 35°F 50°F	INPUT KW	VOLTAGE	INLET, OUTLET CONNECTION	REFRIGERANT	MODEL
 RD 1	3HP	10 13	0.27	115-1Ø	1/2"OD	R134A	INGERSOLL-RAND DXR-10 OR EQUAL



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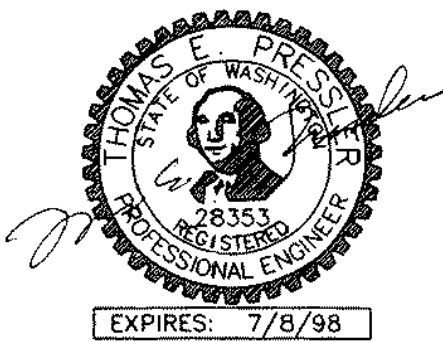
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HVAC SCHEDULES

DRAWN: DRA	
CHECKED: TEP	
PROJECT NO.: 7134	
S H E E T	

M0.1



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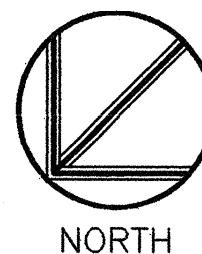
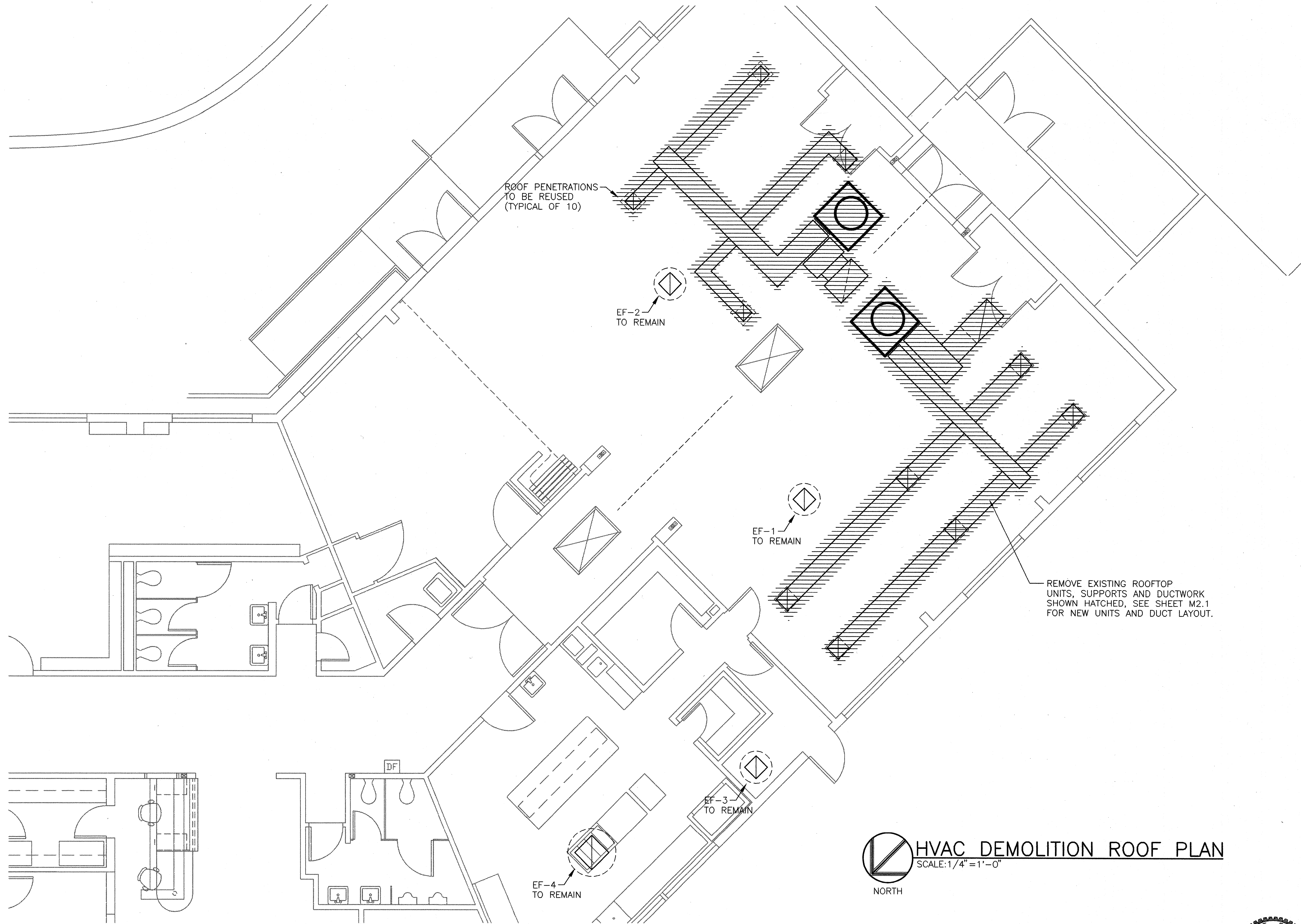
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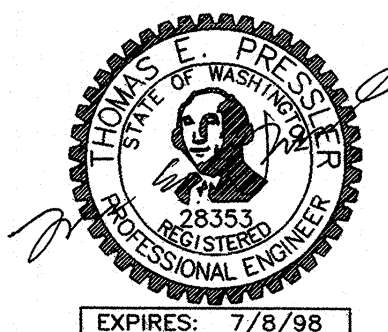
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**HVAC DEMOLITION ROOF PLAN**

SCALE: 1/4" = 1'-0"



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4/7/98**

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NO.	DATE	DESCRIPTION

**HVAC ROOF  
DEMOLITION PLAN**

DRAWN: DRA  
CHECKED: TEP  
PROJECT NO.: 7134  
S H E E T

**M1.1**



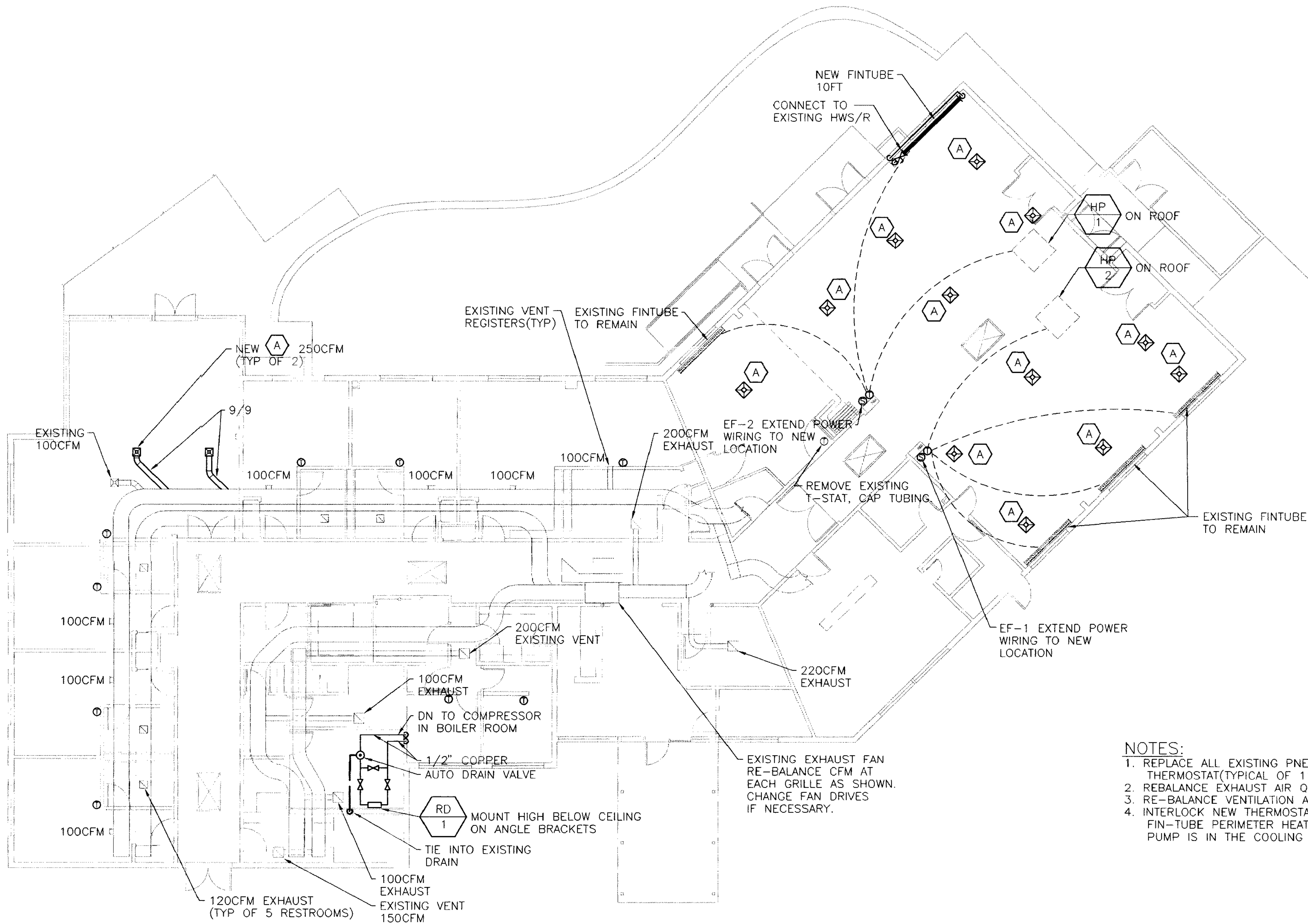


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- NOTES:
1. REPLACE ALL EXISTING PNEUMATIC THERMOSTATS WITH NEW THERMOSTAT(TYPICAL OF 11)
  2. REBALANCE EXHAUST AIR QUANTITIES AS INDICATED
  3. RE-BALANCE VENTILATION AIR QUANTITIES AS INDICATED
  4. INTERLOCK NEW THERMOSTAT WITH HEAT PUMP UNITS TO LOCK-OUT FIN-TUBE PERIMETER HEATER SYSTEM WHEN ASSOCIATED HEAT PUMP IS IN THE COOLING MODE, AND ECONOMIZER MODE.

 EXISTING HVAC PLAN  
SCALE: 1/8" = 1'-0"



EXPIRES: 7/8/98

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### EXISTING HVAC FLOOR PLAN

DRAWN: DRA  
CHECKED: TEP  
PROJECT NO.: 7134

**M1.2**



NOTE: IF DRAWING SHEET IS NOT 24" X 36" THEN DRAWING IS NOT TO SCALE.

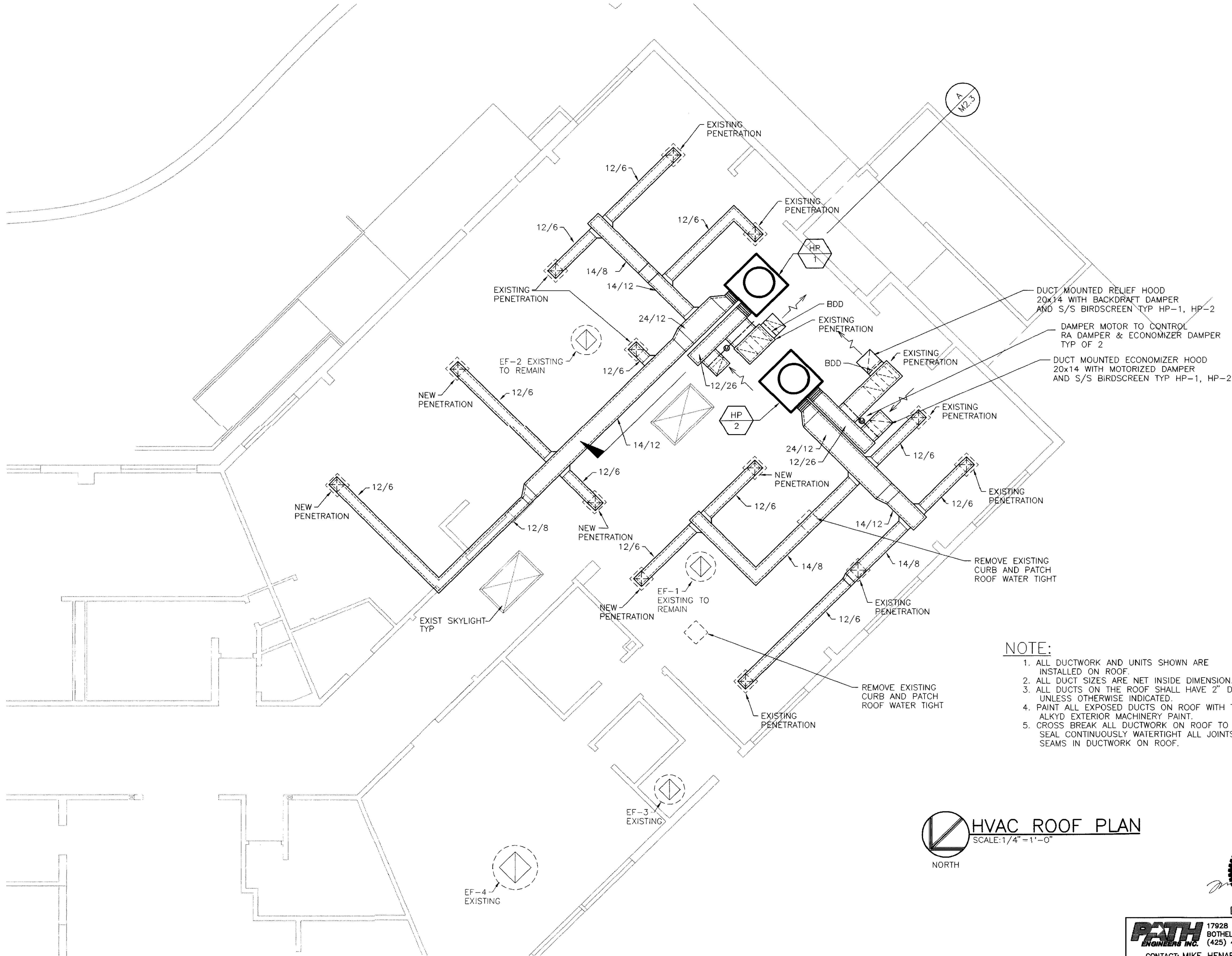


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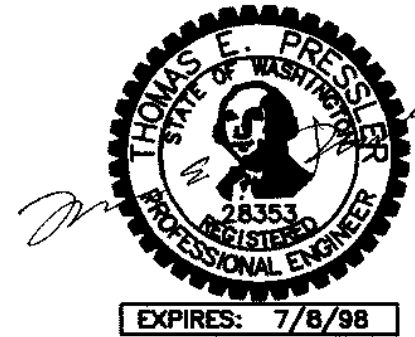


- NOTE:
1. ALL DUCTWORK AND UNITS SHOWN ARE INSTALLED ON ROOF.
  2. ALL DUCT SIZES ARE NET INSIDE DIMENSION.
  3. ALL DUCTS ON THE ROOF SHALL HAVE 2" DUCTLINER UNLESS OTHERWISE INDICATED.
  4. PAINT ALL EXPOSED DUCTS ON ROOF WITH TWO COATS ALKYD EXTERIOR MACHINERY PAINT.
  5. CROSS BREAK ALL DUCTWORK ON ROOF TO SHED WATER. SEAL CONTINUOUSLY WATERTIGHT ALL JOINTS AND SEAMS IN DUCTWORK ON ROOF.



HVAC ROOF PLAN

SCALE: 1/4" = 1'-0"



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NO.	DATE	DESCRIPTION

HVAC ROOF PLAN

DRAWN: DRA  
CHECKED: TEP  
PROJECT NO.: 7134

M2.1



NOTE: IF DRAWING SHEET IS NOT 24" X 36" THEN DRAWING IS NOT TO SCALE.

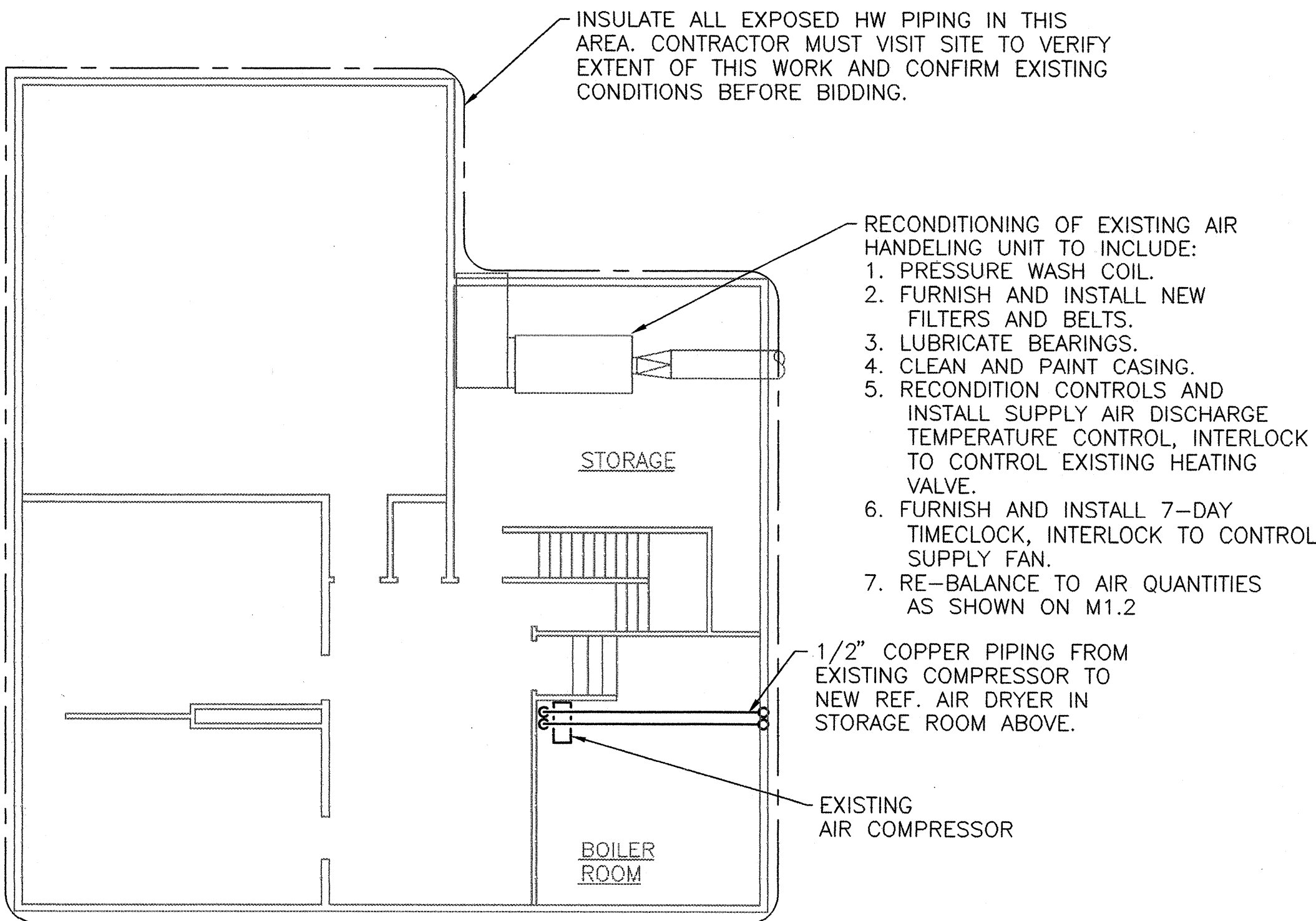


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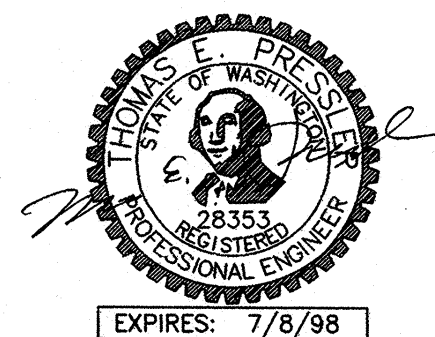
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### BASEMENT MECHANICAL PLAN

SCALE: 1/8" = 1'-0"

NORTH



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JOB NUMBER: 7134

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### BASEMENT MECHANICAL PLAN

DRAWN: DRA  
CHECKED: TEP  
PROJECT NO.: 7134  
S H E E T

# M2.2



NOTE: IF DRAWING SHEET IS NOT 24" X 36" THEN DRAWING IS NOT TO SCALE.

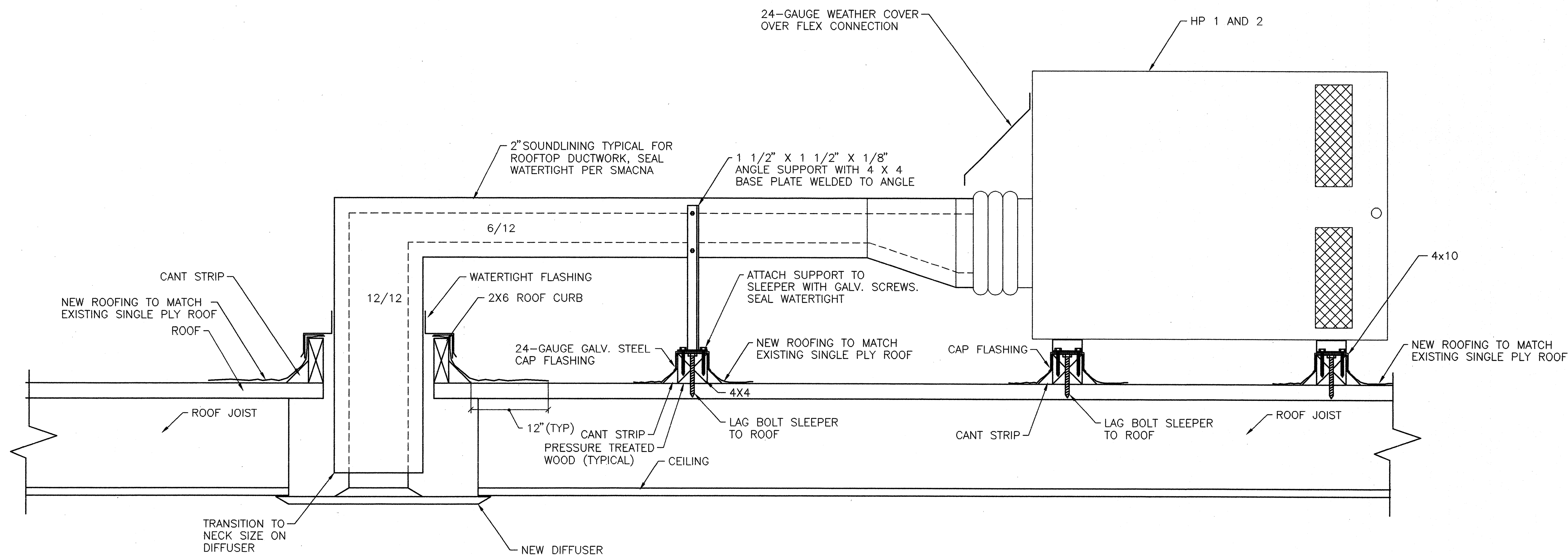
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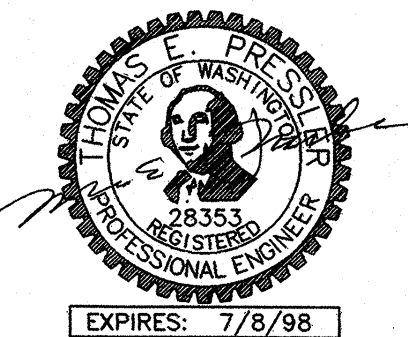
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**A ROOFTOP HEAT PUMP AND PENETRATION DETAIL**  
M2.3 SCALE: NO SCALE

NOTE: NOTES ON SHEET M2.1 APPLY TO THIS WORK.



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**MECHANICAL DETAILS**

DRAWN: DRA  
CHECKED: TEP  
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**M2.3**



GENERAL STRUCTURAL NOTES:

THE FOLLOWING NOTES APPLY EXCEPT WHERE SHOWN OTHERWISE

CODE	Uniform Building Code, 1994		
LIVE LOADS	Roof:	25 psf	
	Seismic Zone:	3	
	Wind:	80 MPH, Exposure B	

FOUNDATIONS

Maximum soil pressure 2000 psf. All footings to bear on firm undisturbed native soil below organic, surface soils and shall be lowered if suitable soil is not found at elevations shown on drawings. Backfill to be thoroughly compacted with structural fill to 90%. Provide 2 #5 (minimum) continuous bottom of all walls and footings.

CONCRETE	MAX WATER/CEMENT RATIO				REMARKS
	f <sub>c</sub>	NON-AIR-ENT	AIR-ENT	MINIMUM SACKS/C.Y.	
Footings and foundations walls	2500	0.65	0.54	5 - 1/2"	
All structural concrete	3000	0.58	0.46	5 - 1/2"	
Sidewalk slabs, exterior stairs	2500	0.65	0.54	5	Note 1
Setting bearing plates	5000			---	Masterflow 928/equal

1. Air-entraining agent (3% to 6%) to be used in all concrete flatwork exposed to weather.

\* Can be reduced 1/2 sack/cubic yard if not exposed to weather.

REINFORCING STEEL

ASTM A615 grade 60, except E3 and E4 stirrups, ties, and elbow bars to be grade 40. Reinforcing steel details shall be prepared by an experienced detailer and conform to standard practice outlined in ACI Report 315.

NOTE: Reinforcing steel not specifically shown shall be assumed typical as similar sections and details where reinforcing is shown.

CONCRETE COVER OF REINFORCING

3" Concrete poured against earth.

2" Formed concrete with earth backfill.

1 - 1/2" Beams and columns (stirrups, ties), outside face of walls exposed to weather, slabs on moisture barrier.

Extend horizontal wall steel to 2" from outside face and lap with elbow bars (30 diameters) of same size and spacing. Lap outside face (standard lap) only at corners. Wall stubs shall be same size and spacing as vertical steel.

SLABS AND BEAMS

Non structural slabs on grade to be 4" thick placed on gravel fill and reinforced with 6 x 6 W2.9 mesh unless otherwise noted on the plans.

STRUCTURAL STEEL

Structural Grade ASTM A36, F<sub>y</sub> = 36,000 psi. Structural tubing columns ASTM A500, grade B, F<sub>y</sub> = 46,000 psi. All steel except steel embedded in concrete shall be given one shop coat of approved paint. Welds to be 3/16" minimum continuous fillet using E70 electrodes by certified welders. Steel to steel bolted connections are shown to be bearing-type connections using A-325 bolts with threads included in the shear plane, except where noted (A325F shall be friction-type connection with bolts tensioned and using appropriate hardened steel washers as required by AISC standards. Where not specifically shown by detail, connections shall be bolted frame beam connections per AISC standards. Hole size shall be in accordance with AISC specification for bearing connection and bolts shall be tightened to snug-tight condition. During erection, structural steel shall be secured from collapsing with temporary bracing. Where expansion anchors are specified, the contractor shall submit to the Structural Engineer manufacturer's literature describing the anchors and listing recognized allowable shear and tension values.

SCOPE OF STRUCTURAL ENGINEERING SERVICES

The Structural Engineer has performed the structural design and prepared the structural working drawings for this project. The construction must be performed in strict accordance with the structural drawings. Any deviation from the drawings must be approved in writing by the Structural Engineer. Errors and/or omissions found on the structural drawings must be brought to the Structural Engineer's attention immediately.

The Structural Engineer is responsible for the design of the primary structural system, except for any components noted above. Responsibility for any secondary structural and non-structural systems not shown on the structural plans rests with someone other than the Structural Engineer.

The structure shown on these drawings is structurally sound only in its completed form. The Contractor shall provide all necessary bracing to stabilize the building during construction.

The Structural Engineer is not responsible for, and will not have control of, construction means, methods, techniques, sequences or procedures, or for safety precautions and programs in connection with the construction work, nor will he be responsible for the Contractor's failure to carry out the construction work in accordance with the contract documents.

Field measurements and the verification of field dimensions are not part of the Structural Engineer's responsibility. The Contractor must check all (assumed) existing conditions shown on these drawings for accuracy and notify the Structural Engineer of any discrepancies.

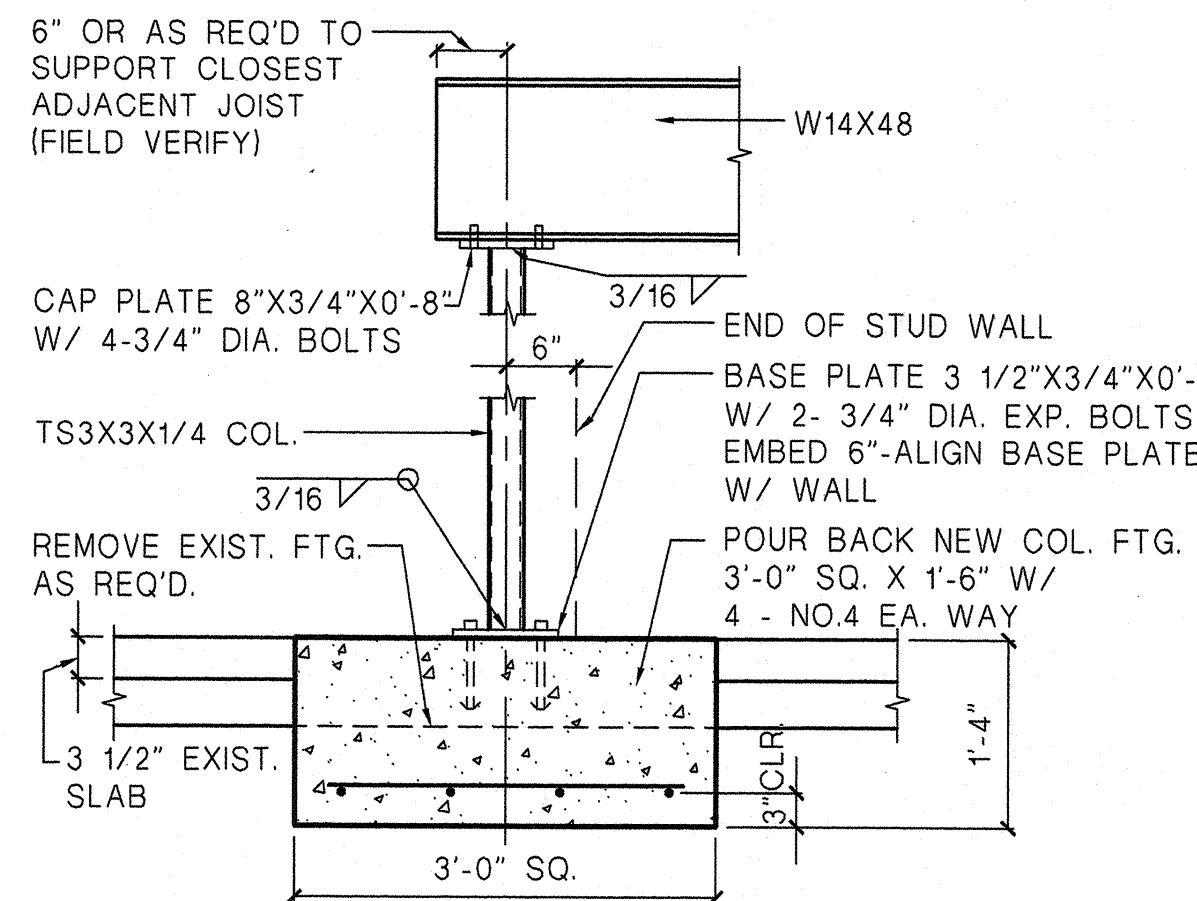
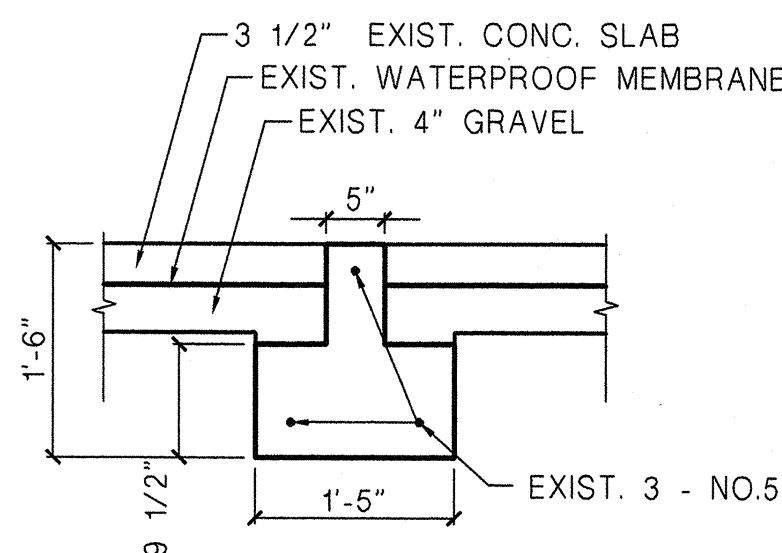
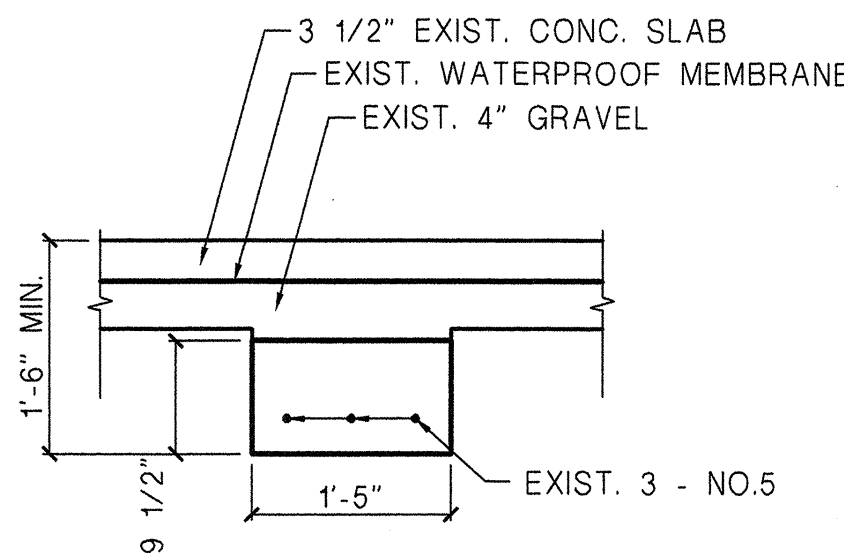
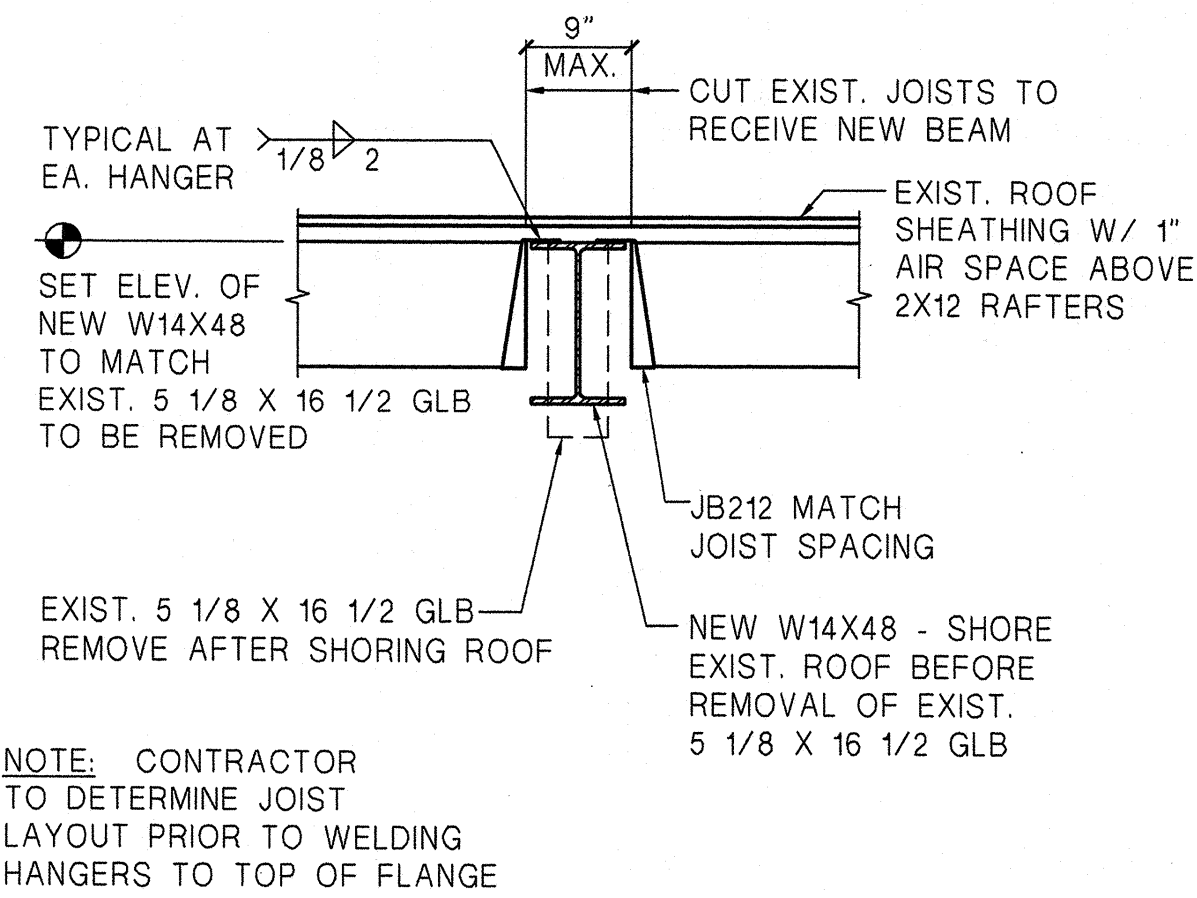
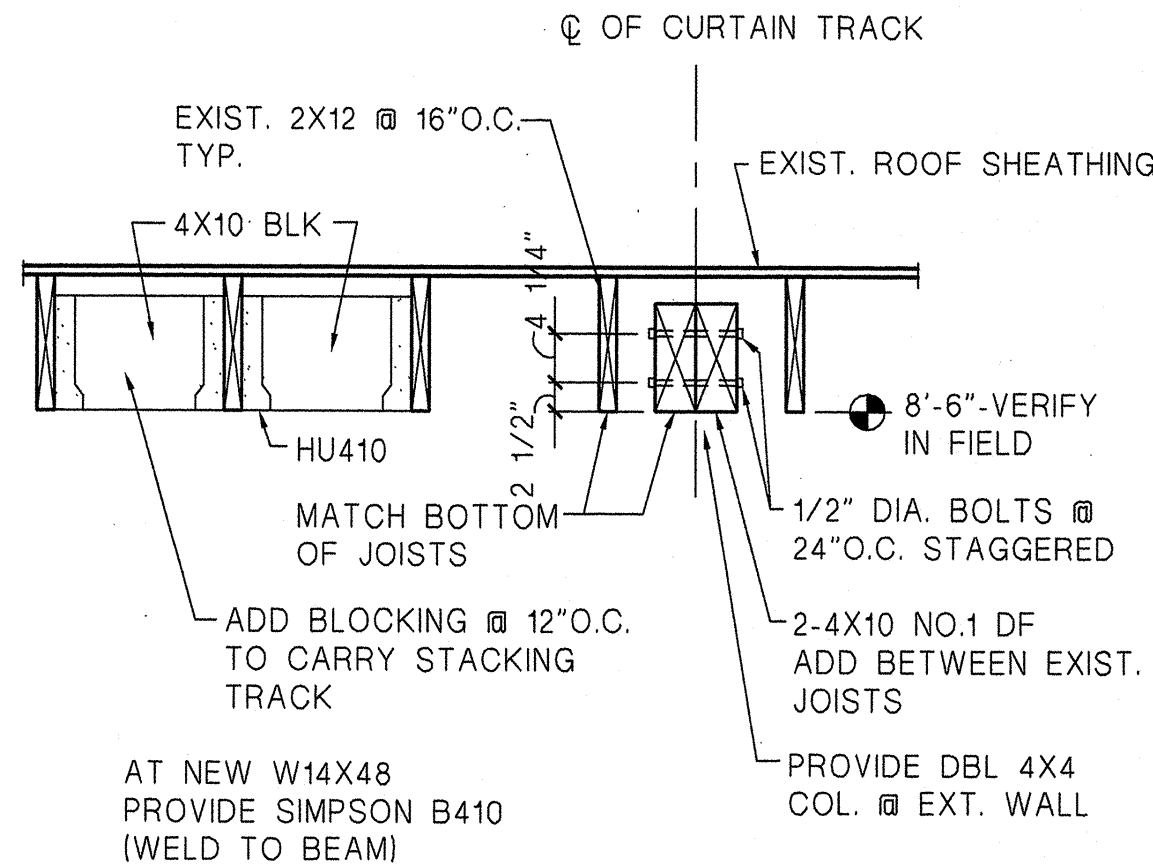
Omissions from the drawings or specifications or the inadvertent mislabeling of details of work which are manifestly necessary to carry out the intent of the drawings and specifications, or which are customarily performed, shall not relieve the Contractor from performing such omitted or inadvertent mislabeled details of the work but they shall be performed as if fully and correctly set forth and described in the drawings and specifications.

SPECIAL INSPECTIONS

In addition to general inspections by UBC section 108, the following Special Inspections shall be performed in conformance with UBC section 1701 and are required during the following types of work:

CONCRETE (f<sub>c</sub> > 2500 psi):

- \* taking of concrete test specimens,
- \* placing of reinforced concrete.



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APPROVED FOR ADVERTISING  
DWIGHT D. DIVELY  
Director of Executive Services  
SEATTLE, WA \_\_\_\_\_ 19\_\_\_\_  
BY \_\_\_\_\_  
CONTRACTING COMPLIANCE MANAGER  
APPROVED BY  
EXECUTIVE SERVICES DEPARTMENT  
CITY OF SEATTLE  
DR. FACILITY SERVICES DIV. DATE  
DR. ARCHITECTURE AND ENGINEERING DATE

**PHASE II  
BID SET  
6/22/98**

REVISIONS		
NO.	DATE	DESCRIPTION

**STRUCTURAL  
DETAILS**  
DRAWN: COL  
CHECKED: MAJ  
PROJECT NO.: 9719  
S H E E T

**S1.0**